

Anti-Thioredoxin Rabbit Monoclonal Antibody

Thioredoxin (Trx) is a redox protein that is found in several species, such as bacteria, plants and mammals, and contains a conserved active site, consisting of Trp-Cys-Gly-Pro-Cys. Participates in many cellular processes including redox signaling, response to oxidative stress, and protein reduction

Product parameters

Introduction

Alternative Names TXN, ADF; ATL-derived factor; SASP; Thioredoxin; TRX1; Thioredoxin delta 3; TRX; TXN delta 3; TRDX Gene ID 7295 Gene Name TXN SwissProt ID P10599 Host Rabbit Reactivity Human Molecular Weight Calculated MW: 12 kDa; Observed MW: 12 kDa Conjugation Unconjugated Ex - Em - Modification Unmondified Clonality IgG Isotype Moncolonal Antibody Clonality No. AP-20A2D1 Form Liquid Carrier Carrier Not Free Immunogen Asynthetic peptide of human Thioredoxin/TRX Purification WB, IHC-F, IHC-P, IC/IF, IP Dilution Ratio WB, IHC-F, IHC-P, IC/IF, IP Dilution Ratio WB : 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20 Research Field Tags & Cell Markers Product Categories Primary antibody	•••	
Gene NameTXNSwissProt IDP10599HostRabbitReactivityHumanMolecular WeightCalculated MW: 12 kDa; Observed MW: 12 kDaConjugationUnconjugatedEm-Em-ModificationUnmodifiedClonalityIgGIsotypeMonconian AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelConcentrationSee labelGerrierCarrier Not FreeImmunogenAsynthetic peptide of human Thioredoxin/TRXPurificationWin This-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB: 1/1000-1/1000 IHC: 1/50-1/200 IF: 1/100-1/500 IF: 1/100-1/1500 IF:	Alternative Names	TXN; ADF; ATL-derived factor; SASP; Thioredoxin; TRX1; Thioredoxin delta 3; TRX; TXN delta 3; TRDX
SwissProt IDP10599NoteRabbitReactivityHumanMolecular WeightCalculated MW: 12 kDa; Observed MW: 12 kDaConjugationUnconjugatedEm-Em-ModificationUnmodifiedClonalityIgGSotypeMonoclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelConcentrationSee labelGurifier Not FreeSomM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB: 1/1000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategorieTrima attibody	Gene ID	7295
HostRabbitReactivityHumanMolecular WeightCalculated MW: 12 kDa; Observed MW: 12 kDaConjugationUnconjugatedEx-Fm-ModificationUnmodifiedModificationUnmodifiedIsotypeMoncolonal AntibodyClonalityIgGIsotypeMoncolonal AntibodyConcentrationSee labelConcentrationSee labelGenrierCarrier Not FreeImmunogenAsynthetic peptide of human Thioredoxin/TRXPurificationWB, IHC-F, IHC-P, ICC/IF, IPDiution RatioWB, 1/1000-1/1000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Forduct CategorieFrimary antibody	Gene Name	TXN
ReactivityHumanMolecular WeightCalculated MW: 12 kDa; Observed MW: 12 kDaConjugationUnconjugatedEx-Em-ModificationUnmodifiedModificationUnmodifiedIsotypeMonclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelConcentrationSee labelGarrier Not FreeCarrier Not FreeImmunogenAsynthetic peptide of human Thioredoxin/TRXPurificationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB : 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriesPrimary antibody	SwissProt ID	P10599
Molecular WeightCalculated MW: 12 kDa; Observed MW: 12 kDaConjugationUnconjugatedEx-Em-ModificationUnmodifiedModificationUnmodifiedClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelConcentrationSee labelImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriesPrimary antibody	Host	Rabbit
ConjugationUnconjugatedEx-Em-ModificationUnmodifiedIsotypeIgGIsotypeMonoclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelConcentrationSee labelImmunogenAsynthetic peptide of human Thioredoxin/TRXPurificationS0mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSAApplicationWB, IHC-F, IHC-P, ICC/F, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriesPrimary antibody	Reactivity	Human
Ex-En-ModificationUnmodifiedIsotypeMonoclonal AntibodyClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer SystemSomM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriesPrimary antibody	Molecular Weight	Calculated MW: 12 kDa; Observed MW: 12 kDa
Em.ModificationUnmodifiedModificationIgGClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenAsynthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB: IHC-F, IHC-/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product Categorieprimary antibody	Conjugation	Unconjugated
ModificationUnmodifiedClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelCarrier Not FreeCarrier Not FreeImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationSomM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioYBs: 1/1000-1/1000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriesPrimary antibody	Ex	-
ClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB. 1HC-F, 1HC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriePrimary antibody	Em	-
IsotypeMonoclonal AntibodyClonality No.AP-20A2D1FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB. 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriesPrimary antibody	Modification	Unmodified
Clonality No.AP-20A2D1FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB. IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriesPrimary antibody	Clonality	IgG
FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Product CategoriesPrimary antibody	Isotype	Monoclonal Antibody
ConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Research FieldTags & Cell MarkersProduct CategoriesPrimary antibody	Clonality No.	AP-20A2D1
CarrierCarrier Not FreeImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Research FieldTags & Cell MarkersProduct CategoriesPrimary antibody	Form	Liquid
ImmunogenA synthetic peptide of human Thioredoxin/TRXPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Research FieldTags & Cell MarkersProduct CategoriesPrimary antibody	Concentration	See label
PurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Research FieldTags & Cell MarkersProduct CategoriesPrimary antibody	Carrier	Carrier Not Free
Buffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Research FieldTags & Cell MarkersProduct CategoriesPrimary antibody	Immunogen	A synthetic peptide of human Thioredoxin/TRX
ApplicationWB, IHC-F, IHC-P, ICC/IF, IPDilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Research FieldTags & Cell MarkersProduct CategoriesPrimary antibody	Purification	Affinity Purified
Dilution RatioWB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20Research FieldTags & Cell MarkersProduct CategoriesPrimary antibody	Buff <mark>er Sy</mark> stem	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Research Field Tags & Cell Markers Product Categories Primary antibody	Application	WB, IHC-F, IHC-P, ICC/IF, IP
Product Categories Primary antibody	Dilution Ratio	WB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20
	Research Field	Tags & Cell Markers
Shipping Blue ice	Product Categories	Primary antibody
	Shipping	Blue ice

Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

*Note: The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.





