

## Anti-BRAF Rabbit Polyclonal Antibody

Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Frequently mutated in thyroid cancers, skin melanomas and at lower frequency in a wide range of human cancers. An activating mutation, mimicking phosphorylation of the activation loop, is seen in 60% of malignant melanoma samples. Raf mutations are generally exclusive to Ras activating mutations.

### Product parameters

Introduction

Gene ID673Gene NameBRAFSwissProt ID HostP15056 RabbitHostP15056 RabbitReactivityHuman, Mouse, RatMolecular WeightCalculated MW: 84 kDa; Observed MW: 84 kDaConjugationUnconjugatedEm-Fm-ModificationUnmodifiedIsotypePolyclonal AntibodyClonalityIgGIsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenAsynthesized peptide derived from human B RafPurificationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-FC: 1/50-1/100Research FieldCell Biology	Alternative Names	BRAF; BRAF1; RAFB1; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1
SwissProt ID Host P15056 Rabbit   Reactivity Human, Mouse, Rat   Molecular Weight Calculated MW: 84 kDa; Observed MW: 84 kDa   Conjugation Unconjugated   Ex -   Em -   Modification Unmodified   Modification Unmodified   Isotype Polyclonal Antibody   Clonality IgG   Sorter Calculated for the same same same same same same same sam	Gene ID	673
HostRabbitReactivityHuman, Mouse, RatMolecular WeightCalculated MW: 84 kDa; Observed MW: 84 kDaConjugationUnconjugatedEx-Em-ModificationUnmodifiedClonalityIgGIsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Gene Name	BRAF
ReactivityHuman, Mouse, RatMolecular WeightCalculated MW: 84 kDa; Observed MW: 84 kDaConjugationUnconjugatedEx-Em-ModificationUnmodifiedIonalityIgGIsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	SwissProt ID	P15056
Molecular WeightCalculated MW: 84 kDa; Observed MW: 84 kDaConjugationUnconjugatedEx-Em-ModificationUnmodifiedClonalityIgGIsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationKing ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-FC: 1/50-1/100	Host Cheve Perfect	Rabbit Unknown
ConjugationUnconjugatedEx-Em-ModificationUnmodifiedClonalityIgGIsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Reactivity	Human, Mouse, Rat
Ex -   Em -   Modification Unmodified   Clonality IgG   Isotype Polyclonal Antibody   Clonality No. -   Form Liquid   Concentration See label   Carrier Carrier Free   Immunogen A synthesized peptide derived from human B Raf   Purification Affinity Chromatography   Buffer System Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.   Application WB, IHC-P, FC, IP   Dilution Ratio WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Molecular Weight	Calculated MW: 84 kDa; Observed MW: 84 kDa
Em-ModificationUnmodifiedClonalityIgGIsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/100 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Conjugation	Unconjugated
ModificationUnmodifiedClonalityIgGIsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB: 1/500-1/1000 IHC: 1/50-T/100 IP: 1/50 FC: 1/50-1/100	Ex	-
ClonalityIgGIsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Em	-
IsotypePolyclonal AntibodyClonality NoFormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Modification	Unmodified
Clonality No. -   Form Liquid   Concentration See label   Carrier Carrier Free   Immunogen A synthesized peptide derived from human B Raf   Purification Affinity Chromatography   Buffer System Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.   Application WB, IHC-P, FC, IP   Dilution Ratio WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Clonality	lgG
FormLiquidConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Isotype	Polyclonal Antibody
ConcentrationSee labelCarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Clonality No.	-
CarrierCarrier FreeImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Form	Liquid
ImmunogenA synthesized peptide derived from human B RafPurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Concentration	See label
PurificationAffinity ChromatographyBuffer SystemRabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.ApplicationWB, IHC-P, FC, IPDilution RatioWB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Carrier D	Carrier Free
Buffer System Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.   Application WB, IHC-P, FC, IP   Dilution Ratio WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Immunogen	A synthesized peptide derived from human B Raf
Application   WB, IHC-P, FC, IP     Dilution Ratio   WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Purification	Affinity Chromatography
Dilution Ratio WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100	Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
	Application	WB, IHC-P, FC, IP
Research Field Cell Biology	Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/50 FC: 1/50-1/100
	Research Field	Cell Biology

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.





