

# Anti-4E BP2 (7A6) Mouse Monoclonal Antibody

## Introduction

Regulates eIF4E activity by preventing its assembly into the eIF4F complex. Mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase pathway.

## Product parameters

Gene ID 1979 Gene Name EIF4EBP2 SwissProt ID Q13542 Host Mouse Reactivity Human, Mouse, Rat Molecular Weight Calculated MW: 13 kDa; Observed MW: 15-20 kDa  Conjugation Unconjugated  Ex - Em - Modification Unmodified Clonality IgG1 Isotype Monoclonal Antibody Clonality No. AP-16A7G11 Form Liquid Concentration See label Carrier Carrier Not Free Immunogen Recombinant protein of human 4E-BP2. Purification Affinity Purified Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB Dilution Ratio WB: 1/500-1/1000 Research Field Epigenetics and Nuclear Signaling Product Categories Shipping Blue ice	Alternative Names	4EBP2; PHASII
SwissProt ID Q13542  Host Mouse Reactivity Human, Mouse, Rat  Molecular Weight Calculated MW: 13 kDa; Observed MW: 15-20 kDa  Conjugation Unconjugated  Ex -  Em -  Modification Unmodified  Clonality IgG1 Isotype Monoclonal Antibody  Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Gene ID	1979
Host Reactivity Human, Mouse, Rat  Molecular Weight Calculated MW: 13 kDa; Observed MW: 15-20 kDa  Conjugation Unconjugated  Ex - Em - Modification Unmodified  Clonality IgG1 Isotype Monoclonal Antibody Clonality No. AP-16A7G11 Form Liquid Concentration See label Carrier Carrier Not Free Immunogen Recombinant protein of human 4E-BP2. Purification Affinity Purified  Buffer System Liquid in PBs containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB: 1/500-1/1000 Research Field Epigenetics and Nuclear Signaling Product Categories Shipping Blue ice	Gene Name	EIF4EBP2
Reactivity Human, Mouse, Rat  Molecular Weight Calculated MW: 13 kDa; Observed MW: 15-20 kDa  Conjugation Unconjugated  Ex -  Em -  Modification Unmodified  Clonality IgG1  Isotype Monoclonal Antibody  Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	SwissProt ID	Q13542
Molecular Weight Calculated MW: 13 kDa; Observed MW: 15-20 kDa  Conjugation Unconjugated  Ex - Em - Modification Unmodified Clonality IgG1 Isotype Monoclonal Antibody Clonality No. AP-16A7G11 Form Liquid Concentration See label Carrier Carrier Not Free Immunogen Recombinant protein of human 4E-BP2. Purification Affinity Purified Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB Dilution Ratio WB: 1/500-1/1000 Research Field Epigenetics and Nuclear Signalling Product Categories Primary antibody Shipping Blue ice	Host	Mouse
Conjugation Unconjugated  Ex -  Em -  Modification Unmodified  Clonality IgG1  Isotype Monoclonal Antibody  Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Reactivity	Human, Mouse, Rat
Em -  Modification Unmodified  Clonality IgG1 Isotype Monoclonal Antibody  Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Molecular Weight	Calculated MW: 13 kDa; Observed MW: 15-20 kDa
Em - Modification Unmodified  Clonality IgG1 Isotype Monoclonal Antibody  Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Conjugation	Unconjugated
Modification Unmodified  Clonality IgG1  Isotype Monoclonal Antibody  Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Ex	-
Clonality IgG1 Isotype Monoclonal Antibody  Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Em	-
Isotype Monoclonal Antibody  Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Modification	Unmodified
Clonality No. AP-16A7G11  Form Liquid  Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Clonality	lgG1
Form Liquid  Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Isotype	Monoclonal Antibody
Concentration See label  Carrier Carrier Not Free  Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Clonality No.	AP-16A7G11
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Immunogen Recombinant protein of human 4E-BP2.  Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Concentration	See label
Purification Affinity Purified  Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Carrier	Carrier Not Free
Buffer System Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.  Application WB Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Immunogen	Recombinant protein of human 4E-BP2.
Application WB  Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Purification	Affinity Purified
Dilution Ratio WB: 1/500-1/1000  Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Research Field Epigenetics and Nuclear Signaling  Product Categories Primary antibody  Shipping Blue ice	Application	WB Control of the Con
Product Categories Primary antibody  Shipping Blue ice	Dilution Ratio	WB: 1/500-1/1000
Shipping Blue ice	Research Field	Epigenetics and Nuclear Signaling
	Product Categories	Primary antibody
	Shipping	Blue ice
Storage -20°C	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.









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