



# Eif4b Rabbit pAb

<b>Catalog No</b>	BYab-10315
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	IHC;WB
<b>Gene Name</b>	EIF4B
<b>Protein Name</b>	Eif4b
<b>Immunogen</b>	Synthesized peptide derived from human Eif4b AA range: 209-259
<b>Specificity</b>	This antibody detects endogenous levels of Eif4b at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.77% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	IHC-p1:50-200 ,WB 1:1000-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Eukaryotic translation initiation factor 4B (eIF-4B)
<b>Observed Band</b>	69kD
<b>Cell Pathway</b>	cytosol,polysome,eukaryotic translation initiation factor 4F complex,dendrite,neuronal cell body,
<b>Tissue Specificity</b>	Adipose tissue,Brain,Cervix carcinoma,Epithelium,Liver,Lung
<b>Function</b>	function:Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Self-associates and interacts with EIF3 p170 subunit.,
<b>Background</b>	cRequired for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Self-associates and interacts with EIF3 p170

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subunit.

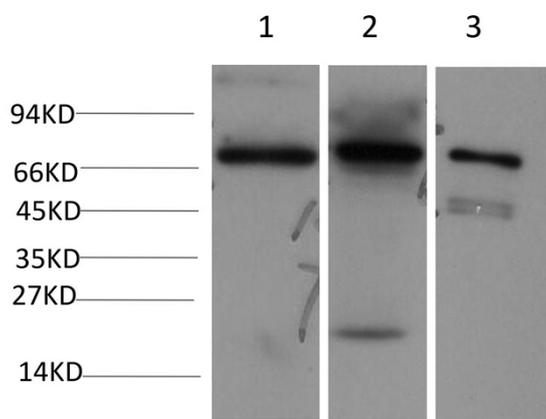
**matters needing attention**

Avoid repeated freezing and thawing!

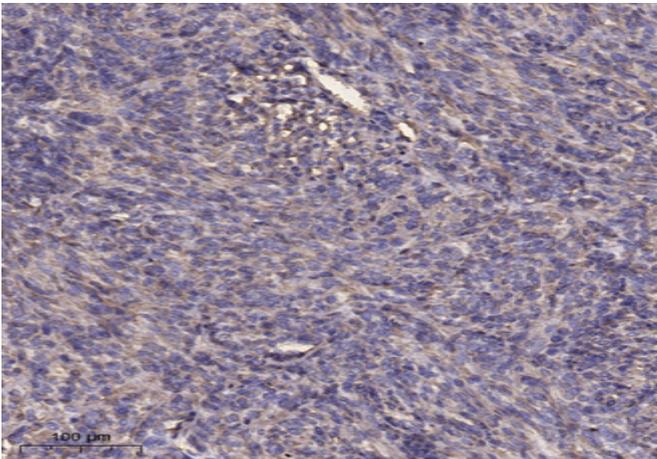
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of 1)Hela Cell, 2) 3T3 Cell, 3)PC12 Cell Lysate using Eif4bRabbit Polyclonal Antibody diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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