

Rabbit EIF4B Polyclonal Antibody | anti-EIF4B antibody

EIF4B Antibody (C-term)

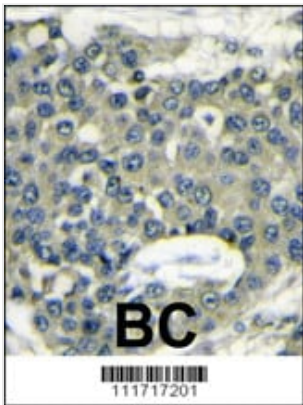
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290657	Rabbit	Human; Predicted Reactivity: Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

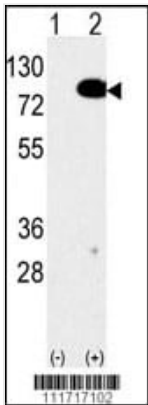
EIF4B; Polyclonal Antibody; EIF4B Antibody (C-term); Eukaryotic translation initiation factor 4B; eIF-4B; anti-EIF4B antibody

PRODUCT SPECIFICATIONS

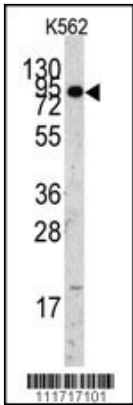
Host	Rabbit
Reactivity	Human; Predicted Reactivity: Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This EIF4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 546-575 amino acids from the C-terminal region of human EIF4B.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Length	611
Applicable Applications for anti-EIF4B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Antigen Region	546-575 aa
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



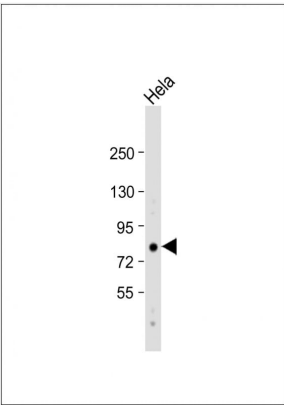
IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma reacted with EIF4B Antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-EIF4B Antibody (C-term) Pab in 293 cell line lysates transiently transfected with the EIF4B gene (2ug/lane). EIF4B(arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of anti-EIF4B Antibody (C-term) Pab in K562 cell line lysates (35ug/lane). EIF4B(arrow) was detected using the purified Pab.



WB (Western Blot)
Anti-EIF4B Antibody (C-term) at 1:1000 dilution + HeLa whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 69 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4B antibody	Description: EIF4B is required for the binding of mRNA to ribosomes. It functions in close association with EIF4-F and EIF4-A by binding near the 5'- terminal cap of mRNA in presence of EIF-4F and ATP. This gene also promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F Background: 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.
Product Categories/Family for anti-EIF4B antibody	Primary Antibodies
References	Doepker, R.C., et al., J. Virol. 78 (9):4684-4699 (2004). Fleming, K., et al., Biochemistry 42 (30):8966-8975 (2003). Milburn, S.C., et al., EMBO J. 9 (9):2783-2790 (1990).

NCBI AND UNIPROT INFORMATION

NCBI GI #	50053795
NCBI GeneID	1975
NCBI Accession #	NP_001408.2

NCBI GenBank Nucleotide #	NM_001417.5
UniProt Accession #	P23588 ; Q4G0E3 ; Q53HQ2 ; Q6GPH5 ; Q6IB46 ; Q8WYK5 ; B4DS13
Molecular Weight	69151 Da
NCBI Official Full Name	eukaryotic translation initiation factor 4B isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4B
NCBI Official Symbol	EIF4B
NCBI Official Synonym Symbols	EIF-4B; PRO1843
NCBI Protein Information	eukaryotic translation initiation factor 4B
UniProt Protein Name	Eukaryotic translation initiation factor 4B
UniProt Gene Name	EIF4B
UniProt Synonym Gene Names	eIF-4B
UniProt Entry Name	IF4B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif4b-antibody-immunohistochemistry-western-blot-elisa/290657>