

eIF4B Antibody | anti-eIF4B antibody

eIF4B (Phospho-Ser422) Antibody

CATALOG # AAA109672	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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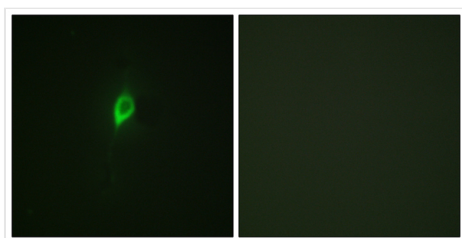
PRODUCT SYNONYMS

eIF4B; eIF4B (Phospho-Ser422) Antibody; Eukaryotic translation initiation factor 4B; IF4B; eIF-4B; anti-eIF4B antibody

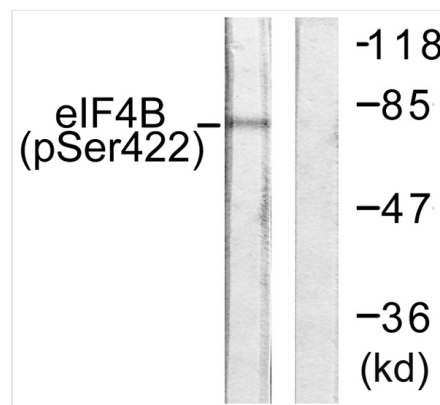
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	eIF4B (Phospho-Ser422) antibody detects endogenous levels of eIF4B only when phosphorylated at serine 422.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	572
Applicable Applications for anti-eIF4B antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human eIF4B around the phosphorylation site of serine 422 (T-G-SP-E-S).
All Sites	Human: Ser422 Mouse: Ser422 Rat: Ser422
Preparation and Storage	Store at -20 degree C for 1 year.

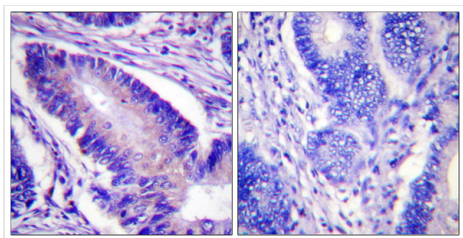
IMAGES


IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of NIH/3T3 cells, using eIF4B (Phospho-Ser422) antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using eIF4B (Phospho-Ser422) antibody. Western blot analysis of extracts from NIH/3T3 cells, using eIF4B (Phospho-Ser422) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-eIF4B antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	S. Lopez de Quinto. RNA, Sep 2001; 7: 1213. Rosalyn C. Doecker. J. Virol., May 2004; 78: 4684-4699. Pinghui Feng. J. Virol., Aug 2005; 79: 9651-9664. Kerstin Ochs. J. Virol., Jan 2003; 77: 115-122.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1061214101
NCBI GeneID	1975
NCBI Accession #	NP_001317583.1
NCBI GenBank Nucleotide #	NM_001330654.1
UniProt Accession #	P23588; Q4G0E3; Q53HQ2; Q6GPH5; Q6IB46; Q8WYK5; B4DS13
Molecular Weight	64,805 Da
NCBI Official Full Name	eukaryotic translation initiation factor 4B isoform 3
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

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/human-mouse-rat-antibody/eif4b/109672>