

anti-Human, Mouse eIF4B Antibody | anti-eIF4B antibody

eIF4B (phospho-Ser422) Antibody

CATALOG # AAA111105	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

eIF4B; eIF4B (phospho-Ser422) Antibody; anti-eIF4B antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
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	183
Applicable Applications for anti-eIF4B antibody	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).
Preparation and Storage	Store at -20 degree C for 1 year

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	Gingras, A.C. et al. (2001) Genes Dev. 15, 807-826. Duncan, R. and Hershey, J.W. (1985) J. Biol. Chem. 260, 5493-5497. Duncan, R.F. and Hershey, J.W. (1989) J. Cell Biol. 109, 1467-1481.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792102
NCBI GeneID	2065
NCBI Accession #	NP_001005915.1
NCBI GenBank Nucleotide #	NM_001005915.1
UniProt Accession #	P21860 ; Q9BUD7 ; A8K6L6 ; B4DIK7 ; B4DV32 ; E9PDT8
Molecular Weight	77,426 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-3 isoform s
NCBI Official Synonym Full Names	erb-b2 receptor tyrosine kinase 3
NCBI Official Symbol	ERBB3

NCBI Official Synonym Symbols	HER3; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3
NCBI Protein Information	receptor tyrosine-protein kinase erbB-3
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-3
UniProt Gene Name	ERBB3
UniProt Synonym Gene Names	HER3

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-antibody/eif4b/111105>