

Rabbit EIF2B1 Polyclonal Antibody | anti-EIF2B1 antibody

EIF2B1 antibody - C-terminal region

CATALOG # AAA200199	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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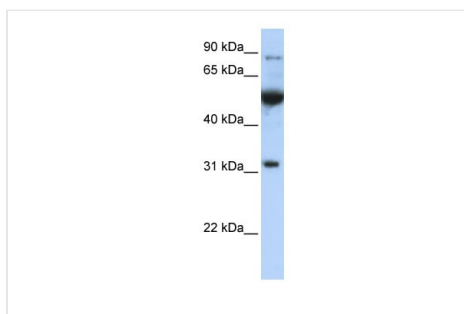
PRODUCT SYNONYMS

EIF2B1; Polyclonal Antibody; EIF2B1 antibody - C-terminal region; anti-EIF2B1 antibody

PRODUCT SPECIFICATIONS

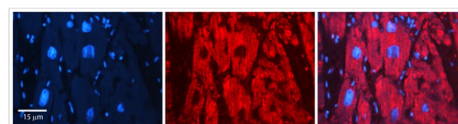
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AD TLKVAQTGQD LKEEHPWVDY TAPSLITLLF TDGLVLTPSA VSDELIKL
Sequence Length	305
Applicable Applications for anti-EIF2B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 79%; Dog: 79%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 79%; Rabbit: 79%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human EIF2B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-EIF2B1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate
EIF2B1 is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Rabbit Anti-EIF2B1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2B1 antibody	This is a rabbit polyclonal antibody against EIF2B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: EIF2B1 belongs to the EIF-2B alpha/beta/delta subunits family. It catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP. Defects in EIF2B1 are a cause of leukoencephalopathy with vanishing white matter (VWM).
Product Categories/Family for anti-EIF2B1 antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503503
NCBI GeneID	1967
NCBI Accession #	NP_001405
NCBI GenBank Nucleotide #	NM_001414
UniProt Accession #	Q14232
Molecular Weight	34kDa
NCBI Official Full Name	translation initiation factor eIF-2B subunit alpha
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2B subunit alpha
NCBI Official Symbol	EIF2B1
NCBI Official Synonym Symbols	EIF2B; EIF2BA
NCBI Protein Information	translation initiation factor eIF-2B subunit alpha
UniProt Protein Name	Translation initiation factor eIF-2B subunit alpha
UniProt Gene Name	EIF2B1
UniProt Synonym Gene Names	EIF2BA
UniProt Entry Name	EI2BA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif2b1-antibody-immunohistochemistry-western-blot-elisa/200199>