

Rabbit EIF2B4 Polyclonal Antibody | anti-EIF2B4 antibody

EIF2B4 Antibody (Center K161)

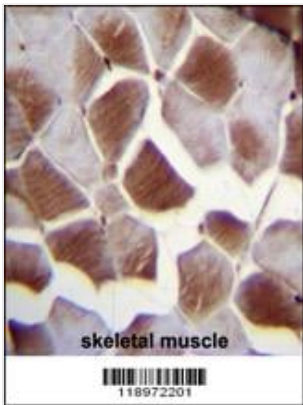
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284127	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

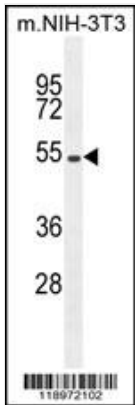
EIF2B4; Polyclonal Antibody; EIF2B4 Antibody (Center K161); Translation initiation factor eIF-2B subunit delta; eIF-2B GDP-GTP exchange factor subunit delta; EIF2BD; anti-EIF2B4 antibody

PRODUCT SPECIFICATIONS

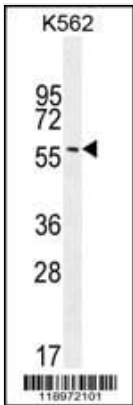
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EIF2B4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-175 amino acids from the Central region of human EIF2B4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	146-175
Sequence Length	523
Applicable Applications for anti-EIF2B4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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 (Immunohistochemisry)
EIF2B4 Antibody (Center K161) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of EIF2B4 Antibody (Center K161) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
EIF2B4 Antibody (Center K161) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the EIF2B4 antibody detected the EIF2B4 protein (arrow).



WB (Western Blot)
EIF2B4 Antibody (Center K161) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the EIF2B4 antibody detected the EIF2B4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2B4 antibody	Eukaryotic initiation factor 2B (EIF2B), which is necessary for protein synthesis, is a GTP exchange factor composed of five different subunits. The protein encoded by this gene is the fourth, or delta, subunit. Defects in this gene are a cause of leukoencephalopathy with vanishing white matter (VWM) and ovarioleukodystrophy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].
References	Naukkarinen, J., et al. PLoS Genet. 6 (6), E1000976 (2010) : Wu, Y., et al. J. Hum. Genet. 54(2):74-77(2009) Horzinski, L., et al. PLoS ONE 4 (12), E8318 (2009) : Pronk, J., et al. Mult. Scler. 14(8):1123-1126(2008) Wong, S.S., et al. J. Child Neurol. 23(6):710-714(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	78000158
NCBI GeneID	8890
NCBI Accession #	NP_001029288.1; NP_056451.3; NP_751945.2

NCBI GenBank Nucleotide #	NM_001034116.1
UniProt Accession #	Q9UII0; Q53RY7; Q5BJF4; Q9BUV9; Q9UBG4; Q9UIQ9; Q9UJ95
Molecular Weight	57557
NCBI Official Full Name	translation initiation factor eIF-2B subunit delta isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa
NCBI Official Symbol	EIF2B4
NCBI Official Synonym Symbols	EIF2B; EIF-2B; EIF2Bdelta
NCBI Protein Information	translation initiation factor eIF-2B subunit delta
UniProt Protein Name	Translation initiation factor eIF-2B subunit delta
UniProt Gene Name	EIF2B4
UniProt Synonym Gene Names	EIF2BD
UniProt Entry Name	EI2BD_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://www.aaabiotech.com/polyclonal/eif2b4-antibody-immunohistochemistry-western-blot-elisa/284127>