

Rabbit EIF2B4 Polyclonal Antibody | anti-EIF2B4 antibody

EIF2B4 Rabbit pAb

CATALOG # AAA281907	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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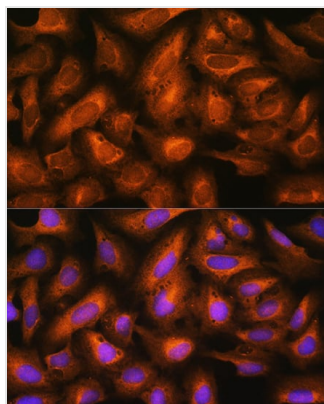
PRODUCT SYNONYMS

EIF2B4; Polyclonal Antibody; EIF2B4 Rabbit pAb; EIF2B; EIF-2B; EIF2Bdelta; anti-EIF2B4 antibody

PRODUCT SPECIFICATIONS

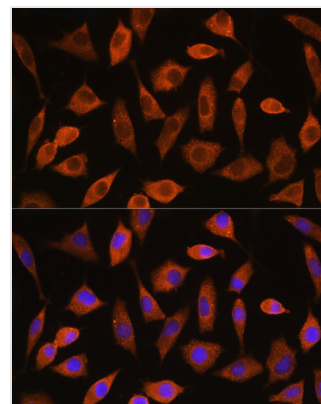
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-EIF2B4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human EIF2B4.
Positive Samples	Mouse brain, Rat testis, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



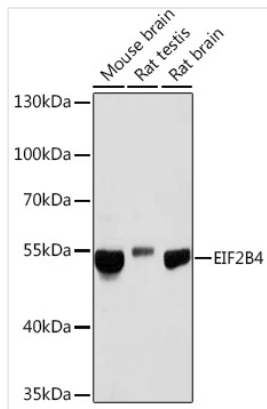
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using EIF2B4 Rabbit pAb at dilution of 1:100.
Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using EIF2B4 Rabbit pAb at dilution of 1:100.
Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EIF2B4 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2B4 antibody	Background: 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.
Product Categories/Family for anti-EIF2B4 antibody	Epigenetics & Nuclear Signaling ; Translation Control ; Regulation of eIF2 ; Research ; Endocrine & Metabolism ; Insulin Receptor Signaling Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	78000158
NCBI GeneID	8890
NCBI Accession #	NP_001029288.1
NCBI GenBank Nucleotide #	NM_001034116.1
UniProt Accession #	Q9UI10 ; Q53RY7 ; Q5BJF4 ; Q9BUV9 ; Q9UBG4 ; Q9UIQ9 ; Q9UJ95
Molecular Weight	57,557 Da
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; eIF-2B GDP-GTP exchange factor subunit delta; translation initiation factor eIF-2b delta subunit; eukaryotic translation initiation factor 2B subunit 4 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.

