

Datasheet for ABIN2790398
anti-EIF2B3 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	EIF2B3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Guinea Pig, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2B3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human EIF2B3
Sequence:	ENGSI TSIRS ELIPYLVRKQ FSSASSQQGQ EEKEEDLKKK ELKSLDIYSF
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 93%, Yeast: 90%
Characteristics:	This is a rabbit polyclonal antibody against EIF2B3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EIF2B3
Alternative Name:	EIF2B3 (EIF2B3 Products)

Target Details

Background:	The protein encoded by this gene is one of the subunits of initiation factor eIF2B, which catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP. It has also been found to function as a cofactor of hepatitis C virus internal ribosome entry site-mediated translation. Mutations in this gene have been associated with leukodystrophy with vanishing white matter. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Alias Symbols: EIF-2B, EIF2Bgamma Protein Interaction Partner: UBC, C14orf166, RTCB, DIMT1, NELFB, EDC4, IGF2BP3, G3BP1, EIF2B2, EIF3C, YBX3, RFC4, QARS, NMT1, HNRNPM, MRE11A, ILF2, HNRNPU, FLII, FKBP3, DHX9, DDX1, ABCF1, FBXO6, EGFR, EIF2B5, EIF2B4, NDUFB8, EIF2B3, GOLM1, EIF2S2, EIF2S1, STC2, EIF2B1, Protein Size: 452
Molecular Weight:	50 kDa
Gene ID:	8891
NCBI Accession:	NM_020365 , NP_065098
UniProt:	Q9NR50

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 452 AA
Restrictions:	For Research Use only

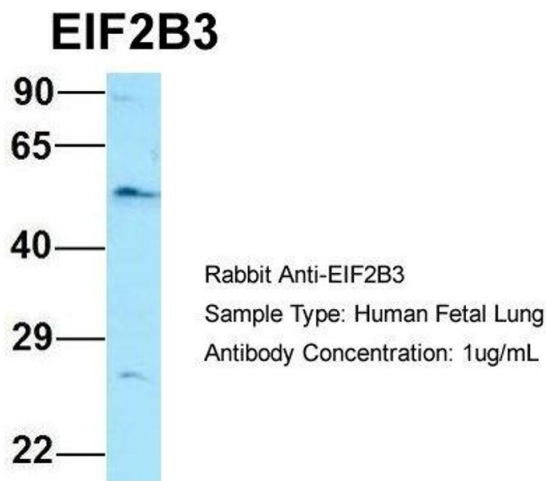
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting
Image 1. Host: Rabbit
Target Name: EIF2B3
Sample Tissue: Human Fetal Lung
Antibody Dilution: 1.0 µg/mL