

Datasheet for ABIN6985072

anti-EIF2B1 antibody (AA 51-150) (Cy5.5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	EIF2B1
Binding Specificity:	AA 51-150
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2B1 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human eIF2B1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	EIF2B1
Alternative Name:	eIF2B1 (EIF2B1 Products)

Target Details

Background:	Synonyms: 26 kDa, D5Ert406e, EI2BA, eIF 2a, EIF 2B, eIF 2B GDP GTP exchange factor subunit alpha, EIF 2Balph, EIF2B alpha, EIF2B, EIF2B1, EIF2BA, eukaryotic translation initiation factor 2B subunit 1 alpha, Eukaryotic translation initiation factor 2B, alpha, eukaryotic translation initiation factor 2B, subunit 1 (alpha, 26kD), Eukaryotic translation initiation factor 2B, subunit 1 alpha, 26 kDa, MGC117409, MGC125868, EI2BA_HUMAN, MGC125869, MGC6458, Translation initiation factor eIF2B subunit alpha, zgc:86660. Background: This gene encodes one of five subunits of eukaryotic translation initiation factor 2B (EIF2B), a GTP exchange factor for eukaryotic initiation factor 2 and an essential regulator for protein synthesis. Mutations in this gene and the genes encoding other EIF2B subunits have been associated with leukoencephalopathy with vanishing white matter. [provided by RefSeq, Oct 2009]
Gene ID:	1967
UniProt:	Q14232
Pathways:	Methionine Biosynthetic Process

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months