



[Go to Product page](#)

Datasheet for ABIN6979928

anti-EIF2B1 antibody (AA 51-150) (AbBy Fluor® 647)

Overview

Quantity:	100 µL
Target:	EIF2B1
Binding Specificity:	AA 51-150
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2B1 antibody is conjugated to AbBy Fluor® 647
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, D5Ertd406e, EI2BA, eIF 2a, EIF 2B, eIF 2B GDP GTP exchange factor subunit alpha, EIF 2Balphabet, 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