

Datasheet for ABIN571202

anti-EIF2B4 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	EIF2B4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This EIF2B4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	EIF2B4
Immunogen:	C-RKDYGSKVSLFSH
Sequence:	RKDYGSKVSL FSH
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms.
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

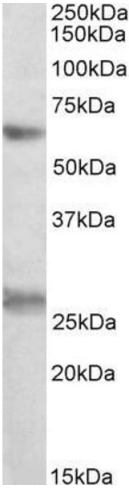
Target:	EIF2B4
Alternative Name:	EIF2B4 (EIF2B4 Products)
Background:	EIF2B4, eukaryotic translation initiation factor 2B, subunit 4 delta, 67 kDa, DKFZp586J0119, EIF-2B, EIF2B, EIF2Bdelta, eIF-2B GDP-GTP exchange factor subunit delta, eukaryotic translation initiation factor 2B, subunit 4 delta, translation initiation facto
Gene ID:	8890, 13667, 117019
NCBI Accession:	NP_751945 , NP_001029288 , NP_056451
Pathways:	Methionine Biosynthetic Process

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in lysates of cell line K562 (calculated MW of 59.6 kDa according to NP_751945.2). Recommended concentration: 0.3-1 µg/mL. An additional band of unknown identity was also consistently observed at 26 kDa. This band wa Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571202 (0.3µg/ml) staining of K562 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.