Datasheet for ABIN2788769

anti-EIF2B5 antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	EIF2B5
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2B5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	GVVVSRANKR SGAGPGGSGG GGARGAEEEP PPPLQAVLVA DSFDRRFFPI
Predicted Reactivity:	Cow: 85%, Dog: 92%, Horse: 85%, Human: 100%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against EIF2B5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EIF2B5
Alternative Name:	EIF2B5 (EIF2B5 Products)
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

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Target Details

	synthesis. Mutations in this gene and the genes encoding other EIF2B subunits have been associated with leukoencephalopathy with vanishing white matter. Alias Symbols: CACH, CLE, EIF-2B, EIF2Bepsilon, LVWM Protein Interaction Partner: UBC, EGFR, EIF2B2, EIF2B3, EIF2B4, APP, CHMP2A, GSK3A, GSK3B, EIF2S2, CSNK1A1, CSNK2A2, CSNK2A1, EIF2B1, Protein Size: 721
Molecular Weight:	79 kDa
Gene ID:	8893
NCBI Accession:	NM_003907, NP_003898
UniProt:	Q13144

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 721 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.
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.

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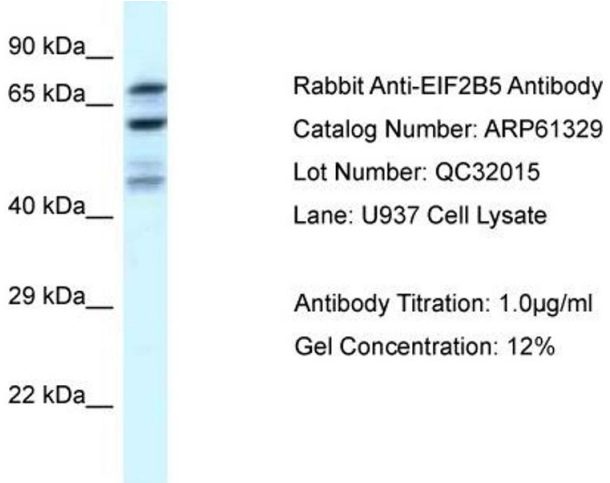
Publications

Product cited in: Wilhelmsen, Khakpour, Tran, Sheehan, Schumacher, Xu, Hellman: "The endocannabinoid/endovanilloid N-arachidonoyl dopamine (NADA) and synthetic cannabinoid WIN55,212-2 abate the inflammatory activation of human endothelial cells." in: **The Journal of biological chemistry**, Vol. 289, Issue 19, pp. 13079-100, (2014) (PubMed).

Images



Western Blotting

Image 1.