

Datasheet for ABIN2778190
anti-KIF1C antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	KIF1C
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Guinea Pig, Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF1C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human KIF1C
Sequence:	GGGRSRGAGS AQPEPQHFQP KKHNSYPQPP QPYPAQRPPG PRYPPYTTPP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Mouse: 77%, Pig: 100%, Rabbit: 100%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against KIF1C. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	KIF1C
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Target Details

Alternative Name:	KIF1C (KIF1C Products)
Background:	KIF1C represents a member of the Unc104 subfamily of kinesin-like proteins that are involved in the transport of mitochondria or synaptic vesicles in axons. KIF1C consists of an amino-terminal motor domain followed by a U104 domain and probably binds to target membranes through carboxyl-terminal sequences. Alias Symbols: LTXS1 Protein Interaction Partner: UBC, STAU1, YWHAB, YWHAE, Ccdc64, YWHAQ, LAMC3, YWHAZ, Kif1c, YWHAG, PTPN21, CSNK2A2, CSNK2A1, Protein Size: 1103
Molecular Weight:	123 kDa
Gene ID:	10749
NCBI Accession:	NM_006612 , NP_006603
UniProt:	O43896

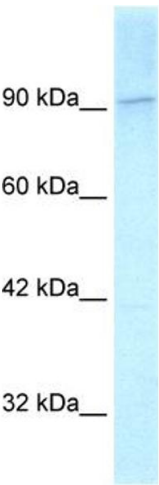
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1103 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.



Western Blotting

Image 1. WB Suggested Anti-KIF1C Antibody Titration:
2.5ug/ml Positive Control: Hela cell lysate