

Datasheet for ABIN7601588
anti-KIF1B antibody (AA 390-1314)



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Overview

Quantity:	100 µg
Target:	KIF1B
Binding Specificity:	AA 390-1314
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-KIF1B Antibody Picoband®
Immunogen:	E.coli-derived human KIF1B recombinant protein (Position: D390-L1314).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-KIF1B Antibody Picoband® (ABIN7601588). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	KIF1B
Alternative Name:	KIF1B (KIF1B Products)
Background:	Synonyms: Caspase-4, CASP-4 Tissue Specificity: Widely expressed, including in thymus, lung and spleen (at protein level). Very low levels, if any, in the brain. Background: Kinesin-like protein KIF1B is a protein that in humans is encoded by the KIF1B gene. This gene encodes a motor protein that transports mitochondria and synaptic vesicle precursors. Mutations in this gene cause Charcot-Marie-Tooth disease, type 2A1.
Molecular Weight:	204 kDa, 199 kDa
Gene ID:	23095
UniProt:	O60333

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Drew, A. P., Zhu, D., Kidambi, A., Ly, C., Tey, S., Brewer, M. H., Ahmad-Annuar, A., Nicholson, G. A., Kennersen, M. L. Improved inherited peripheral neuropathy genetic diagnosis by whole-exome sequencing. <i>Molec. Genet. Genomic Med.</i> 3: 143-154, 2015. 2. Gong, T.-W. L., Burmeister, M., Lomax, M. I. The novel gene D4Mil1e maps to mouse chromosome 4 and human chromosome 1p36. <i>Mammalian Genome</i> 7: 790-791, 1996. 3. Lawrence, C. J., Dawe, R. K., Christie, K. R., Cleveland, D. W., Dawson, S. C., Endow, S. A., Goldstein, L. S. B., Goodson, H. V., Hirokawa, N., Howard, J., Malmberg, R. L., McIntosh, J. R., and 10 others. A standardized kinesin nomenclature. <i>J. Cell Biol.</i> 167: 19-22, 2004.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C

Handling

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.