Datasheet for ABIN2778207

anti-KIF23 antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	KIF23
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF23 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human KIF23
Sequence:	VRPLGFPDQE CCIEVINNTT VQLHTPEGYR LNRNGDYKET QYSFKQVFGT
Predicted Reactivity:	Cow: 93%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against KIF23. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KIF23

Target Details

Alternative Name:	KIF23 (KIF23 Products)
Background:	KIF23 is a member of kinesin-like protein family. This family includes microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein has been shown to cross-bridge antiparallel microtubules and drive microtubule movement in vitro. Alternate splicing of this gene results in two transcript variants encoding two different isoforms. Alias Symbols: CHO1, KNSL5, MKLP1, MKLP-1 Protein Interaction Partner: UBC, YWHAQ, YWHAE, RACGAP1, XRCC6, IKBKG, SIRT7, SH3KBP1, SUMO2, Kif23, Dctn2, Shcbp1, Cd2ap, YWHAZ, YWHAH, YWHAG, YWHAB, STK11, CENPA, PRC1, FYCO1, PLK1, ARF3, ACTA1, BIRC6, USP8, PKLR, SFN, Protein Size: 856
Molecular Weight:	98 kDa
Gene ID:	9493
NCBI Accession:	NM_004856, NP_004847
UniProt:	Q02241

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 856 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.

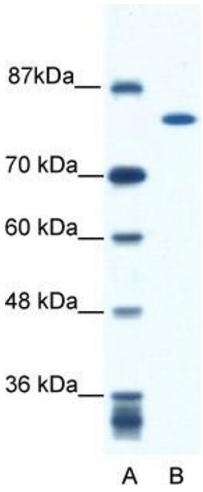
Handling

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.

Publications

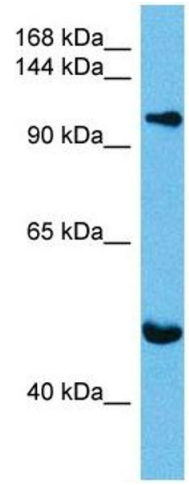
Product cited in:	Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-KIF23 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Western Blotting

Image 2. Host: Mouse Target Name: KIF23 Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml