

Datasheet for ABIN7467613 **anti-KIF12 antibody**



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Overview

Quantity:	100 µL
Target:	KIF12
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human KIF12. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	KIF12
Alternative Name:	kinesin family member 12 (KIF12 Products)
Background:	Kinesin family member 12, This gene encodes a member of the kinesin superfamily of microtubule-associated molecular motors with functions related to the microtubule cytoskeleton. Members of this superfamily play important roles in intracellular transport and

Target Details

cell division. A similar protein in mouse functions in the beta cell antioxidant signaling cascade, acting as a scaffold for the transcription factor specificity protein 1 (Sp1). Mice that lack this gene exhibit beta cell oxidative stress resulting in hypoinsulinemic glucose intolerance.
[provided by RefSeq, Jul 2016]

Molecular Weight:	71 kDa
Gene ID:	113220
UniProt:	Q96FN5

Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: U87-MG , SK-N-SH , SK-N-AS
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.