Datasheet for ABIN1107970

anti-KIF3B antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	KIF3B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen for anti-KIF3B antibody: synthetic peptide directed towards the C terminal of human KIF3B
Sequence:	APKVQAALDA ALQDEDEIQV DASSFESTAN KKSKARPKSG RKSGSSSSSS
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat, Dog, ChickenSpecies reactivity (tested):Human
Purification:	Purified using peptide immunoaffinity column

Target Details

Target:	KIF3B
Alternative Name:	KIF3B (KIF3B Products)
Background:	The protein encoded by the KIF3B gene acts as a heterodimer with kinesin family member 3A to aid in chromosome movement during mitosis and meiosis. The encoded protein is a plus end-directed microtubule motor and can interact with the SMC3 subunit of the cohesin

Target Details

	complex. In addition, the encoded protein may be involved in the intracellular movement of membranous organelles. This protein and kinesin family member 3A form the kinesin II subfamily of the kinesin superfamily.Synonyms: HH0048, KIAA0359, KIF3B, Kinesin-like protein KIF3B, Microtubule plus end-directed kinesin motor 3B
Gene ID:	9371
NCBI Accession:	NP_004789
Pathways:	Hedgehog Signaling, M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Add 50 µL of distilled water to a final concentration of 1 mg/mL.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store lyophilized at 2-8 °C or at -20 °C long term. After reconstitution store the antibody undiluted at 2-8 °C for up to one month or in aliquots at -20 °C long term.

Images

Western Blotting

Image 1. Human HepG2; WB Suggested Anti-KIF3B Antibody Titration: 0.2-1 ug/ml. Positive Control: HepG2 cell lysate; KIF3B antibody - C-terminal region in Human HepG2 cells using Western Blot