Datasheet for ABIN2460838

anti-KIF3B antibody

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	KIF3B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human KIF3B.
Purification:	Antibody is purified by peptide affinity chromatography method.

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 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

Target Details

	subfamily of the kinesin superfamily.
Molecular Weight:	85 kDa
Gene ID:	142
NCBI Accession:	NP_004789
UniProt:	O15066
Pathways:	Hedgehog Signaling, M Phase

Application Details

Application Notes:	KIF3B antibody can be used for detection of KIF3B by ELISA at 1:312500. KIF3B antibody can be used for detection of KIF3B by western blot at 2.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store KIF3B antibody at -20 °C.

Western Blotting

Image 1.