

Datasheet for ABIN634133
anti-KIF3B antibody (C-Term)



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1 Image

Overview

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

Product Details

Immunogen:	KIF3 B antibody was raised using the C terminal of KIF3 corresponding to a region with amino acids APKVQAALDAALQDEDEIQVDASSFESTANKKSKARPKSGRKSGSSSSSS
Specificity:	KIF3 B antibody was raised against the C terminal of KIF3
Purification:	Affinity purified

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.

Molecular Weight: 85 kDa (MW of target protein)

Pathways: [Hedgehog Signaling, M Phase](#)

Application Details

Application Notes: WB: 2 µg/mL
Optimal conditions should be determined by the investigator.

Comment: KIF3B Blocking Peptide, catalog no. 33R-1426, is also available for use as a blocking control in assays to test for specificity of this KIF3B antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of KIF0 antibody in PBS

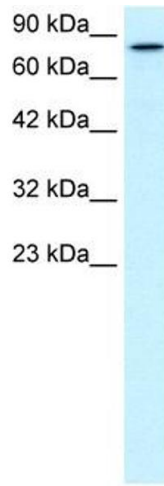
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. KIF3B antibody used at 2 ug/ml to detect target protein.