

Datasheet for ABIN634106
anti-KIF2A antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	KIF2A
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF2A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KIF2 A antibody was raised using the N terminal of KIF2 corresponding to a region with amino acids IEPSPETPPPPASSAKV NKIVKNRRTVASIKNDPPSRDNRVWGSARARPS
Specificity:	KIF2 A antibody was raised against the N terminal of KIF2
Purification:	Affinity purified

Target Details

Target:	KIF2A
Alternative Name:	KIF2A (KIF2A Products)
Background:	KIF2A belongs to the kinesin-like protein family, MCAK/KIF2 subfamily. It contains 1 kinesin-motor domain. KIF2A plus end-directed microtubule-dependent motor required for normal brain development. It may regulate microtubule dynamics during axonal growth. KIF2A is implicated

Target Details

in formation of bipolar mitotic spindles. It has microtubule depolymerization activity. HeLa cells lacking KIF2A show asymmetric or monopolar mitotic spindles. Osteosarcoma cells (U2OS) lacking KIF2A or KIF2B show disorganised or monopolar mitotic spindles.

Molecular Weight: 80 kDa (MW of target protein)

Pathways: [Microtubule Dynamics](#), [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: KIF2A Blocking Peptide, catalog no. 33R-3950, is also available for use as a blocking control in assays to test for specificity of this KIF2A 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

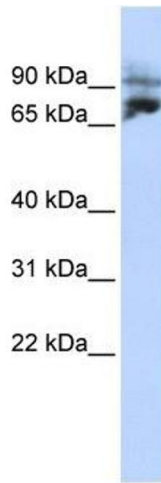
Concentration: Lot specific

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. KIF2A antibody used at 1 ug/ml to detect target protein.