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KIF2A antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10579

Specification

KIF2A antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	O00139
Other Accession	NM_004520, NP_004511
Reactivity	**Human, Mouse, Rat, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**80kDa KDa**

KIF2A antibody - N-terminal region - Additional Information

Gene ID 3796

Alias Symbol	**HK2, KIF2**

Other Names
Kinesin-like protein KIF2A, Kinesin-2, hK2, KIF2A, KIF2, KNS2

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-KIF2A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
KIF2A antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

KIF2A antibody - N-terminal region - Protein Information

Name KIF2A

Synonyms KIF2, KNS2

Function
Plus end-directed microtubule-dependent motor required for normal brain development. May regulate microtubule dynamics during axonal growth. Required for normal progression through mitosis. Required for normal congress of chromosomes at the metaphase plate. Required for normal spindle dynamics during mitosis. Promotes spindle turnover. Implicated in formation of bipolar mitotic spindles. Has microtubule depolymerization activity.

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Cellular Location
Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole. Cytoplasm, cytoskeleton, spindle. Note=Localized to the spindle microtubules and spindle poles from prophase to metaphase Efficient targeting to spindle microtubules and spindle poles requires the kinase activity of PLK1. Recruited to mitotic spindles by interaction with PSRC1

KIF2A antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture