

KIF3A Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18871B**Specification**

KIF3A Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9Y496
Other Accession	O4R628 , NP_008985.3
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	80041
Antigen Region	616-645

KIF3A Antibody (C-term) - Additional Information**Gene ID** 11127**Other Names**

Kinesin-like protein KIF3A, Microtubule plus end-directed kinesin motor 3A, KIF3A, KIF3

Target/Specificity

This KIF3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 616-645 amino acids from the C-terminal region of human KIF3A.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KIF3A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KIF3A Antibody (C-term) - Protein Information**Name** KIF3A

Synonyms KIF3

Function Microtubule-based anterograde translocator for membranous organelles. Plus end-directed microtubule sliding activity in vitro. Plays a role in primary cilia formation. Plays a role in centriole cohesion and subdistal appendage organization and function. Regulates the formation of the subdistal appendage via recruitment of DCTN1 to the centriole. Also required for ciliary basal feet formation and microtubule anchoring to mother centriole.

Cellular Location

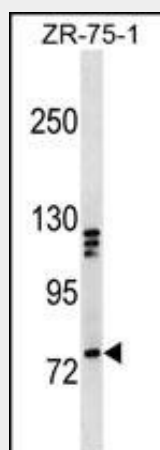
Cytoplasm, cytoskeleton. Cell projection, cilium {ECO:0000250|UniProtKB:P28741}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=Localizes to the subdistal appendage region of the centriole.

KIF3A Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KIF3A Antibody (C-term) - Images



KIF3A Antibody (C-term)(Cat. #AP18871b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the KIF3A antibody detected the KIF3A protein (arrow).

KIF3A Antibody (C-term) - Background

Microtubule-based anterograde translocator for membranous organelles. Plus end-directed microtubule sliding activity in vitro.

KIF3A Antibody (C-term) - References

Ridruechai, C., et al. Genes Immun. 11(5):416-422(2010)
Hirokawa, N., et al. Cold Spring Harb Perspect Biol 1 (1), A000802 (2009) :

Sathish, N., et al. PLoS Pathog. 5 (3), E1000332 (2009) :

Tanuma, N., et al. Oncogene 28(5):752-761(2009)

Schonteich, E., et al. J. Cell. Sci. 121 (PT 22), 3824-3833 (2008) :