

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

Specification

KIF3A Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9Y496
Other Accession	Q4R628 , NP_008985.3
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
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

Format

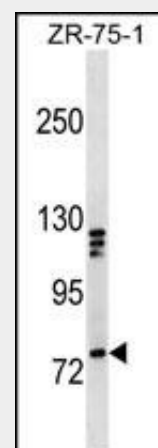
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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



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) :

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](#)