

YIF1B Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12599a

Specification

YIF1B Antibody (N-term) - Product Information

Application WB, IHC-P,E
Primary Accession Q5BIH7

Other Accession NP 001034760.1, NP 001034761.1

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region
Restrict
Rabbit
Rabbit IgG
Rabbit IgG
82-110

YIF1B Antibody (N-term) - Additional Information

Gene ID 90522

Other Names

Protein YIF1B, YIP1-interacting factor homolog B, YIF1B

Target/Specificity

This YIF1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-110 amino acids from the N-terminal region of human YIF1B.

Dilution

WB~~1:1000 IHC-P~~1:10~50

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

YIF1B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

YIF1B Antibody (N-term) - Protein Information

Name YIF1B (HGNC:30511)

Function Functions in endoplasmic reticulum to Golgi vesicle-mediated transport and regulates





the proper organization of the endoplasmic reticulum and the Golgi (By similarity). Plays a key role in targeting to neuronal dendrites receptors such as HTR1A (By similarity). Plays also a role in primary cilium and sperm flagellum assembly probably through protein transport to these compartments (PubMed:33103737).

Cellular Location

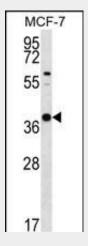
Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Multi- pass membrane protein. Note=Shuttles between the endoplasmic reticulum, the intermediate compartment and the Golgi apparatus.

YIF1B Antibody (N-term) - Protocols

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

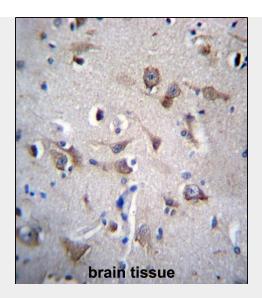
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

YIF1B Antibody (N-term) - Images



YIF1B Antibody (N-term) (Cat. #AP12599a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the YIF1B antibody detected the YIF1B protein (arrow).





YIF1B Antibody (N-term) (Cat. #AP12599a)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of YIF1B Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

YIF1B Antibody (N-term) - Background

YIF1B belongs to the YIF1 family. The functions of YIF1B remain unknown.

YIF1B Antibody (N-term) - References

Lamesch, P., et al. Genomics 89(3):307-315(2007) Venter, J.C., et al. Science 291(5507):1304-1351(2001)