KIF3A Rabbit pAb

Catalog NO.: A6639 **1 Publications**

Basic Information

Observed MW
80kDa

Calculated MW
80kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, IF/ICC, IP, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Enables protein phosphatase binding activity; small GTPase binding activity; and spectrin binding activity. Involved in protein localization to cell junction and protein transport. Located in centriole and centrosome. Part of kinesin II complex. Colocalizes with spindle microtubule.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200

IP
0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
11127

Swiss Prot
Q9Y496

Immunogen
This information is considered to be commercially sensitive.

Synonyms
FLA10; KLP-20; KIF3A

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

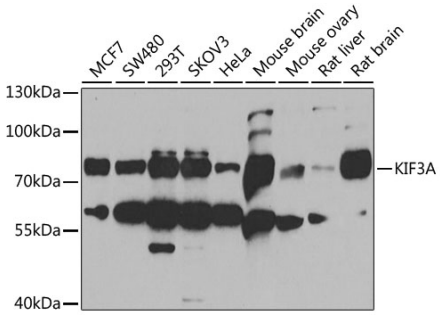
Source
Rabbit

Isotype
IgG

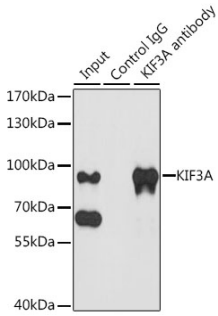
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

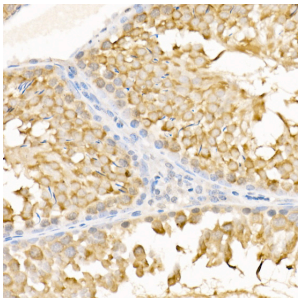
Validation Data

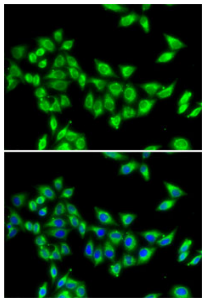


Western blot analysis of various lysates using KIF3A Rabbit pAb (A6639) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells, using 3 µg KIF3A antibody (A6639). Western blot was performed from the immunoprecipitate using KIF3A antibody (A6639) at a dilution of 1:1000.





Immunohistochemistry analysis of paraffin-embedded Rat testis using KIF3A Rabbit pAb (A6639) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Immunofluorescence analysis of MCF7 cells using KIF3A Rabbit pAb (A6639). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.