A7370

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KIF3A Rabbit mAb

Catalog No.: A7370 Recombinant

Basic Information

Observed MW
80kDa

Calculated MW
80kDa

Category
SMab Recombinant Monoclonal Antibody

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

Cross-Reactivity
Human,Mouse,Rat

CloneNo number
ARC1428

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

Immunogen Information

Gene ID
11127

Swiss Prot
Q9Y496

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 600-699 of human KIF3A (Q9Y496).

Synonyms
FLA10; KLP-20; KIF3A

Contact

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Product Information

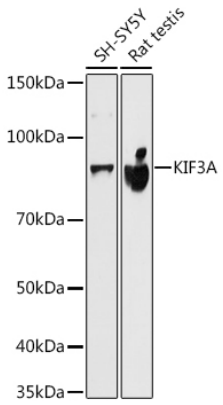
Source
Rabbit

Isotype
IgG

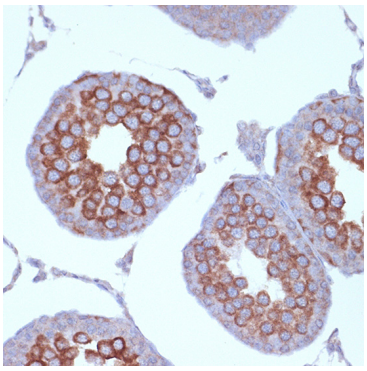
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

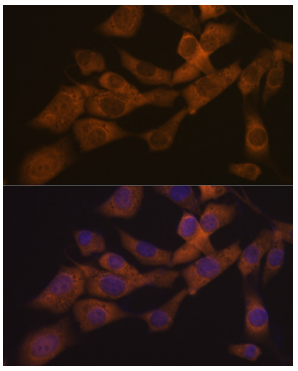
Validation Data



Western blot analysis of various lysates using KIF3A Rabbit mAb (A7370) at 1:500 dilution.
Secondary antibody: HRP 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: 10s.



Immunohistochemistry analysis of paraffin-embedded Rat testis using KIF3A Rabbit mAb (A7370) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH-3T3 cells using KIF3A Rabbit mAb (A7370) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.