Leader in Biomolecular Solutions for Life Science

RAB9A Rabbit mAb

Catalog No.: A4894 Recombinant 2 Publications



Basic Information

Observed MW 23kDa

Calculated MW 23kDa

Category Primary antibody

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

Cross-Reactivity Human, Mouse, Rat

CloneNo number ARC0332

Background

Enables GDP binding activity; GTP binding activity; and GTPase activity. Involved in negative regulation by host of symbiont catalytic activity; positive regulation of exocytosis; and regulation of protein localization. Located in late endosome; lysosome; and phagocytic vesicle.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID 9367

Swiss Prot P51151

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms RAB9; RAB9A

Contact

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Product Information

Source Rabbit

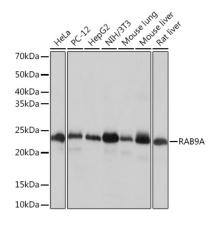
Isotype lgG

Purification Affinity purification

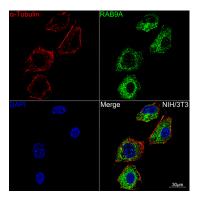
Storage

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

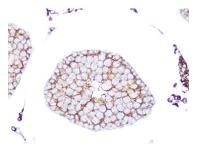
Validation Data



Western blot analysis of various lysates using RAB9A Rabbit mAb (A4894) 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: 1s.



Confocal imaging of NIH/3T3 cells using RAB9A Rabbit mAb (A4894, dilution 1:100) (Green). The cells were counterstained with Alpha-tubulin (ubiquitous) chain Rabbit mAb (AC039, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 60x.



Immunohistochemistry analysis of paraffinembedded Rat testis using RAB9A Rabbit mAb (A4894) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.