

RAB27B Rabbit mAb

Catalog No.: A25816 **Recombinant**

Basic Information

Observed MW

27kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC67005

Background

Enables guanyl ribonucleotide binding activity; myosin V binding activity; and protein domain specific binding activity. Involved in multivesicular body sorting pathway and positive regulation of exocytosis. Located in Golgi stack and cytoplasmic vesicle.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:500 - 1:1000
IF/ICC	1:100 - 1:500

Immunogen Information

Gene ID

5874

Swiss Prot

O00194

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-218 of human RAB27B (NP_004154.2).

Synonyms

C25KG

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

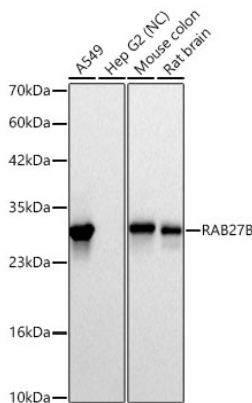
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using RAB27B Rabbit mAb (A25816) at 1:1000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

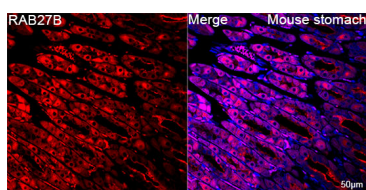
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

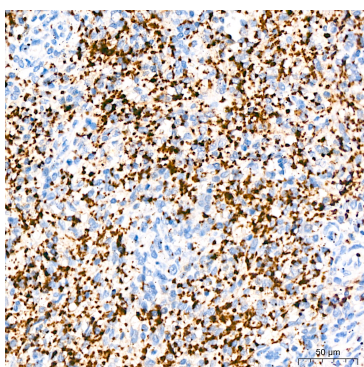
Detection: ECL Basic Kit (RM00020).

Negative control (NC): Hep G2

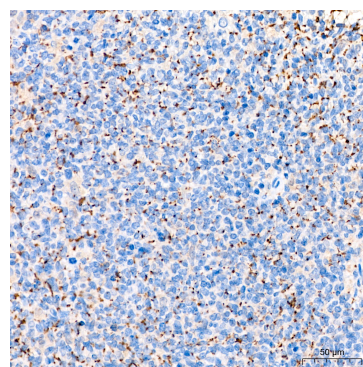
Exposure time: 10s.



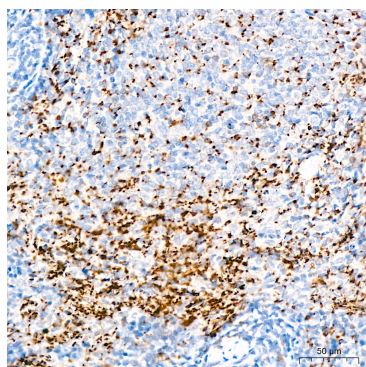
Confocal imaging of paraffin-embedded Mouse stomach tissue using RAB27B Rabbit mAb (A25816, dilution 1:500) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



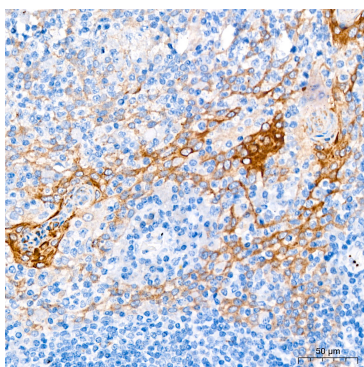
Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



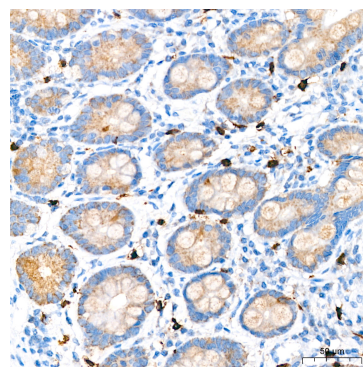
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using RAB27B Rabbit mAb (A25816) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.