

RASAL1 Rabbit pAb

Catalog No.: A15114 **1 Publications**

Basic Information

Observed MW

90kDa

Calculated MW

90kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. These proteins stimulate the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This particular family member contains domains which are characteristic of the GAP1 subfamily of RasGAP proteins but, in contrast to the other GAP1 family members, this protein is strongly and selectively expressed in endocrine tissues. Alternatively spliced transcript variants that encode different isoforms have been described

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

8437

Swiss Prot

O95294

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 120-340 of human RASAL1 (NP_004649.2).

Synonyms

RASAL; RASAL1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

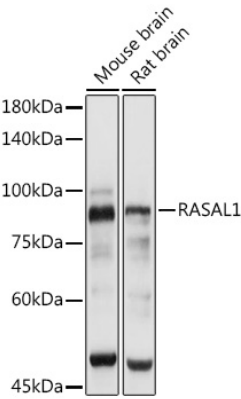
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using RASAL1 Rabbit pAb (A15114) at 1:3000 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.