

# RASAL2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12987c

#### **Product Information**

**Application** WB, E **Primary Accession** Q9UIF2 Other Accession NP 004832.1 Reactivity Human Host Rabbit Clonality Polyclonal Isotype Rabbit IgG **Clone Names** RB32521 Calculated MW 128558 675-703 **Antigen Region** 

#### **Additional Information**

**Gene ID** 9462

Other Names Ras GTPase-activating protein nGAP, RAS protein activator-like 2, RASAL2,

NGAP

**Target/Specificity**This RASAL2 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 675-703 amino acids from the Central

region of human RASAL2.

**Dilution** WB~~1:1000 E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** RASAL2 Antibody (Center) is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **Protein Information**

Name RASAL2

Synonyms NGAP

**Function** Inhibitory regulator of the Ras-cyclic AMP pathway.

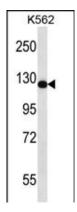
## **Background**

This gene encodes a protein that contains the GAP-related domain (GRD), a characteristic domain of GTPase-activating proteins (GAPs). GAPs function as activators of Ras superfamily of small GTPases. The protein encoded by this gene is able to complement the defective RasGAP function in a yeast system. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

### References

Fontaine-Bisson, B., et al. Diabetologia 53(10):2155-2162(2010) Shibui, T., et al. Biotechnol. Lett. 30(12):2037-2043(2008) Olsen, J.V., et al. Cell 127(3):635-648(2006) Noto, S., et al. FEBS Lett. 441(1):127-131(1998)

## **Images**



RASAL2 Antibody (Center) (Cat. #AP12987c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the RASAL2 antibody detected the RASAL2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.