

Datasheet for ABIN7269873
anti-RASAL1 antibody (AA 120-340)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	RASAL1
Binding Specificity:	AA 120-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RASAL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	RASAL1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 120-340 of human RASAL1 (NP_004649.2).
Sequence:	ICLSVQMLED GQGRCLRCHV LQARDLAPRD ISGTSDPFAR VFWGSQSLET STIKKTRFPH WDEVLELREM PGAPSPLRVE LWDWDMVGKN DFLGMVEFSP KTLQKPPKG WFRLLPFPPRA EEDSGGNLGA LRVKVR LIED RVLPSQCYQP LMELLMESVQ GPAEEDTASP LALLEELTLG DCRQDLATKL VKLFLGRGLA GRFLDYLTRR EVARTMDPNT L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: RASAL1

Alternative Name: RASAL1 ([RASAL1 Products](#))

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, RASAL1, RASAL, Cancer, Tumor suppressors, Signal Transduction, G protein signaling, Signal Transduction, RASAL1

Molecular Weight: 86kDa/90kDa

Gene ID: 8437

UniProt: [O95294](#)

Application Details

Application Notes: WB, 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

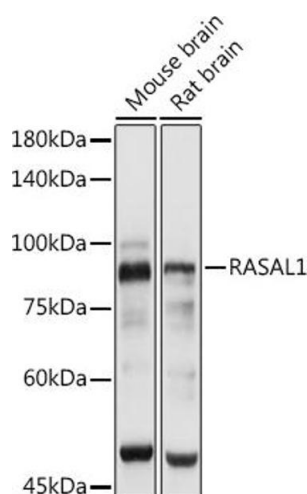
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using R antibody (ABIN7269873) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.