

Product datasheet for **TA308003**

RASAL1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 516 and 787 of RASAL1 (Uniprot ID#O95294)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	90 kDa
Gene Name:	RAS protein activator like 1
Database Link:	NP_004649 Entrez Gene 360814 Rat Entrez Gene 8437 Human O95294

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. [provided by RefSeq]

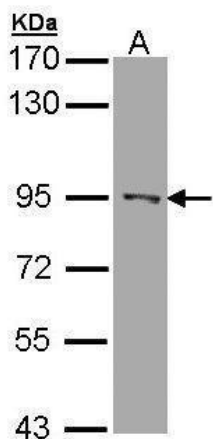


[View online »](#)

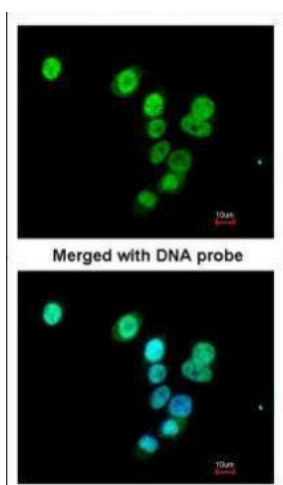
Synonyms: RASAL

Note: Seq homology of immunogen across species: Rat (86%)

Product images:



Sample (30 ug of whole cell lysate). A: A431. 7.5% SDS PAGE. TA308003 diluted at 1:1000



Immunofluorescence analysis of paraformaldehyde-fixed A549, using RASAL1 (TA308003) antibody at 1:200 dilution.