

Product datasheet for **TA308271**

RASA3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Xenopus, Chicken, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region within amino acids 746 and 834 of RASA3 (Uniprot ID#Q14644)
Formulation:	1XPBS, 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:	96 kDa
Gene Name:	RAS p21 protein activator 3
Database Link:	NP_031394 Entrez Gene 19414 Mouse Entrez Gene 22821 Human Q14644



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Background:

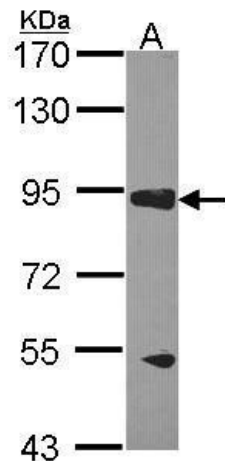
The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This family member is an inositol 1,3,4,5-tetrakisphosphate-binding protein, like the closely related RAS p21 protein activator 2. The two family members have distinct pleckstrin-homology domains, with this particular member having a domain consistent with its localization to the plasma membrane. [provided by RefSeq]

Synonyms:

GAP1IP4BP; GAP1II

Note:

Seq homology of immunogen across species: Mouse (87%), *Xenopus laevis* (93%), Chicken (100%), Bovine (87%)

Product images:

Sample (30 ug of whole cell lysate). A: H1299.
7.5% SDS PAGE. RASA3 antibody. TA308271
diluted at 1:1000.