



RASL1 Polyclonal Antibody

Catalog No	YP-Ab-06028
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	RASAL1 RASAL
Immunogen	Synthesized peptide derived from human protein . at AA range: 170-250
Specificity	RASL1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GAP1 like protein;MRASAL;RAS GTPase activating protein like;RAS protein activator like 1 (GAP1 like);RAS protein activator like 1;RASAL;Rasal1;rasGAP activating like protein 1;RasGAP-activating-like protein 1;RASGAP1 LIKE; RASL1_HUMAN;RASL1;RASAL1 RASAL
Observed Band	88kD
Calculated Molecular Weight	9-1kD; 9kD(Calculated).
Cell Pathway	intracellular,cytosol,plasma membrane,intrinsic component of the cytoplasmic side of the plasma membrane,
Tissue Specificity	Highly expressed in thyroid and adrenal medulla, lower expression in brain, spinal cord and trachea (PubMed:9751798). Expressed in melanocytes (PubMed:23999003).
Function	function:Probable inhibitory regulator of the Ras-cyclic AMP pathway., similarity:Contains 1 Btk-type zinc finger.,similarity:Contains 1 PH domain., similarity:Contains 1 Ras-GAP domain.,similarity:Contains 2 C2 domains.,tissue specificity:Highly expressed in thyroid and adrenal medulla, lower expression in brain, spinal cord and trachea.,

**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 [provided by RefSeq, Jul 2010],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images