

RASL2 Rabbit pAb

CatalogNo: YN1153

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 88kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 100-180

Specificity

RASL2 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

RASA4 CAPRI GAPL KIAA0538

Protein Name	Ras GTPase-activating protein 4 (Calcium-promoted Ras inactivator) (Ras p21 protein activator 4) (RasGAP-activating-like protein 2)		
	Organism	Gene ID	UniProt ID
	Human	10156;	Q43374;
	Mouse		Q6PFQ7;
Cellular Localization	Cytoplasm, cytosol . Cell membrane ; Peripheral membrane protein . Localized to the cytosol as a result of its lack of phosphoinositide binding activity. Upon agonist-stimulated calcium mobilization, utilizes the C2A and C2B domains to associate with the plasma membrane.		
Tissue specificity	Widely expressed.		
Function	Domain:The PH domain does not bind phosphatidylinositol 4,5-bisphosphate or phosphatidylinositol 3,4,5-triphosphate. This lack of binding activity is due to Leu-592, compared to Arg found in other family members.,Function:Ca(2+)-dependent Ras GTPase-activating protein, that switches off the Ras-MAPK pathway following a stimulus that elevates intracellular calcium. Functions as an adaptor for Cdc42 and Rac1 during FcR-mediated phagocytosis.,similarity:Contains 1 Btk-type zinc finger.,similarity:Contains 1 PH domain.,similarity:Contains 1 Ras-GAP domain.,similarity:Contains 2 C2 domains.,subcellular location:Localized to the cytosol as a result of its lack of phosphoinositide binding activity. Upon agonist-stimulated calcium mobilization, utilizes the C2A and C2B domains to associate with the plasma membrane.,tissue specificity:Widely expressed.,		

Validation Data

Contact information

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RASL2 Rabbit pAb

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