

RASA2 Polyclonal Antibody

Catalog No :	YN1855
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	RASA2
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Viral carcinogenesis
Gene Name :	RASA2 GAP1M RASGAP
Protein Name :	Ras GTPase-activating protein 2 (GAP1m)
Human Gene Id :	5922
Human Swiss Prot No :	Q15283
Mouse Swiss Prot No :	P58069
Rat Swiss Prot No :	Q63713
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	RASA2 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

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

Observed Band : 93kD

Cell Pathway : MAPK_ERK_Growth;MAPK_G_Protein;

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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014],

Function : function:Inhibitory regulator of the Ras-cyclic AMP pathway. Binds inositol tetrakisphosphate (IP4).,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 : Cytoplasm. Cytoplasm, perinuclear region.

Expression : Blood,Brain,

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