

## RASA2 Polyclonal Antibody

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

---

## Products Images