SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-RASA2 antibody

Catalog Number: SL6171R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	RASA2
Immunogen:	KLH conjugated synthetic peptide derived from human RASA2: 765-849/849
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	96kDa
Subcellular Location:	cytoplasmic
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 particular family member has a perinuclear localization and is an inositol 1,3,4,5-tetrakisphosphate-binding protein; a compound suggested to function as a second messenger. [provided by RefSeq, Jul 2008]. **Function:** Inhibitory regulator of the Ras-cyclic AMP pathway. Binds inositol tetrakisphosphate (IP4).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subcellular Location: Cytoplasm. Cytoplasm, perinuclear region. **Similarity:** Contains 1 Btk-type zinc finger. Contains 2 C2 domains. Contains 1 PH domain. Contains 1 Ras-GAP domain. **Database links:** **Entrez Gene:** 5922 Human **Entrez Gene:** 114713 Mouse **Entrez Gene:** 25597 Rat Omim: 601589 Human **SwissProt:** Q15283 Human **SwissProt:** P58069 Mouse **SwissProt:** Q63713 Rat **Unigene:** 241548 Human **Unigene:** 655941 Human **Unigene:** 124502 Mouse **Unigene:** 161946 Rat

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