SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-RASA2/Cy3 Conjugated antibody

Catalog Number: SL6171R-Cy3

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-RASA2/Cy3
Immunogen:	KLH conjugated synthetic peptide derived from human RASGAP
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 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)
Background:	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). **Subcellular Location:** Cytoplasm. Cytoplasm, perinuclear region. **Similarity:** Contains 1 Btk-type zinc finger. Contains 2 C2 domains. Contains 1 PH domain.

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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	Contains 1 Ras-GAP domain. Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.