SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-RASGRP3/Biotin Conjugated antibody

Catalog Number: SL19736R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-RASGRP3/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human RASGRP3
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:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Background:	background: Members of the RAS (see HRAS; MIM 190020) subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as RASGRP3, serve as RAS activators by promoting acquisition of GTP to maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation (Rebhun et al., 2000 [PubMed 10934204]).[supplied by OMIM, Mar 2008] **Function:** Guanine nucleotide exchange factor (GEF) for Ras and Rap1. **Similarity:** Belongs to the RASGRP family. Contains 2 EF-hand domains. Contains 1 N-terminal Ras-GEF domain. Contains 1 phorbol-ester/DAG-type zinc finger. Contains 1 Ras-GEF 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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	Database links: **Entrez Gene:** 25780 Human **Entrez Gene:** 240168 Mouse Omim: 609531 Human **SwissProt:** Q8IV61 Human **Unigene:** 143674 Human **Unigene:** 329203 Mouse Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.