SunLong Biotech Co.,LTD
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**[ Marker Primary Antibody ]**

# Rabbit Anti-RASGRP3/FITC Conjugated antibody

**Catalog Number: SL19736R-FITC**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

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| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | Anti-RASGRP3/FITC |
| **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:** | IF=1:100-500<br>not yet tested in other applications.<br>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]<br>**Function:** Guanine nucleotide exchange factor (GEF) for Ras and Rap1.<br>**Similarity:** Belongs to the RASGRP family.<br>Contains 2 EF-hand domains.<br>Contains 1 N-terminal Ras-GEF domain.<br>Contains 1 phorbol-ester/DAG-type zinc finger.<br>Contains 1 Ras-GEF domain.<br>**Database links:**<br>**Entrez Gene:** 25780 Human |

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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| | **Entrez Gene:** 240168 Mouse<br>Omim: 609531 Human<br>**SwissProt:** Q8IV61 Human<br>**Unigene:** 143674 Human<br>**Unigene:** 329203 Mouse<br>Important<br>**Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |