

Anti-RASGRP1 antibody (598-797) (STJ112519)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

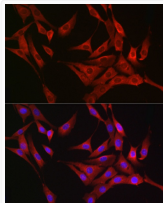
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 90kDa Observed Mw: 90kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

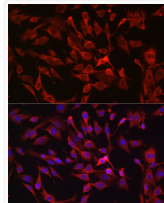
Gene ID	10125
Gene Symbol	RASGRP1
UniProt ID	GRP1_HUMAN
Immunogen Region	598-797
Immunogen Sequence	PVAPTENNNTSVGVPVSNLCSL GAKDLLHAPEEGPFTFPNGE AVEHGEEKDRITMLMGVSS QKISLRKRAVAHKATQTES QPWIGSEGPSGPFVLSSPRK TAQDTLYVLPSPSPCPSPV LVRKRAFVKWENKDSLKSK EELRHRLRLPTYQELEQEINT LKADNDALKIQLKYAQKKIE SLQLEKSNHVLQAQMEQGDCS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 598-797 of human RASGRP1 (NP_005730.2).

ADDITIONAL INFORMATION

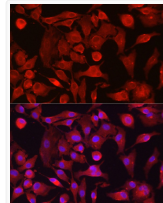
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



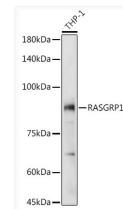
Immunofluorescence analysis of NIH/3T3 cells using RASGRP1 Rabbit polyclonal antibody (STJ112519) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using RASGRP1 Rabbit polyclonal antibody (STJ112519) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-549 cells using RASGRP1 Rabbit polyclonal antibody (STJ112519) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from THP-1 cells, using RASGRP1 Rabbit polyclonal antibody (STJ112519) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.