

Anti-SCG2 antibody (30-320) (STJ28508)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

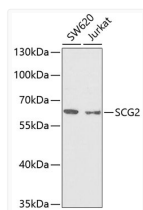
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 71kDa Observed Mw: 65kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

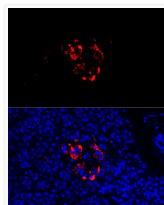
Gene ID	7857
Gene Symbol	SCG2
UniProt ID	SCG2_HUMAN
Immunogen Region	30-320
Immunogen Sequence	FQRNQLLQKEPDLRLLENVQK FSPSEMIRALEYIENLRQQA HKEESSPDYNPYQGVSVPLQ QKENGDESHLPERDSLSEED WMRIILEALRQAENEPQSAP KENKPYALNSEKNFPMDSMD DYETQQWPERKLKHMVFPPM YEENS RDNPFRKTNEIVEEQ YTPQSLATLESVFQELGKLT GPNQKRERMDEEQKLYTDD EDDIYKANNIAYEDVVGGED WNPVEEKIESQTQEEVRDS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 30-320 of human SCG2 (NP_003460.2).

ADDITIONAL INFORMATION

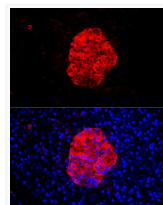
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using SCG2 antibody (STJ28508) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



Immunofluorescence analysis of human pancreas cells using SCG2 rabbit polyclonal antibody (STJ28508) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat pancreas cells using SCG2 rabbit polyclonal antibody (STJ28508) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.