

Rabbit SCG2 Antibody | anti-SCG2 antibody

SCG2 Polyclonal Antibody

CATALOG # AAA280192	HOST Rabbit	APPLICATIONS Immunofluorescence, Western Blot
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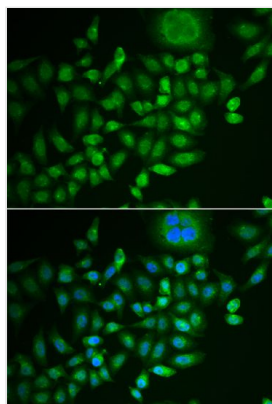
PRODUCT SYNONYMS

SCG2; SCG2 Polyclonal Antibody; CHGC; EM66; SN; SglI; anti-SCG2 antibody

PRODUCT SPECIFICATIONS

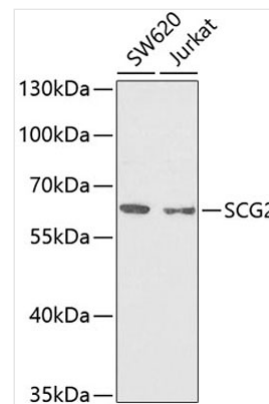
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-SCG2 antibody	IF (Immunofluorescence), WB (Western Blot)
Species Reactivity/Cross-Reactivity	Human
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-320 of human SCG2 (NP_003460.2).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using SCG2 antibody (A6425). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SCG2 antibody (AAA280192) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-SCG2 antibody	The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Studies in rodents suggest that the full-length protein, secretogranin II, is involved in the packaging or sorting of peptide hormones and neuropeptides into secretory vesicles. The full-length protein is cleaved to produce the active peptide secretoneurin, which exerts chemotaxic effects on specific cell types, and EM66, whose function is unknown.
Product Categories/Family for anti-SCG2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	143811457
NCBI GeneID	7857
UniProt Accession #	P13521; Q53T11; Q8TBH3; B2R662
Molecular Weight	Observed MW: 65kDa Calculated MW: 70kDa
NCBI Official Full Name	Secretogranin-2
NCBI Official Synonym Full Names	secretogranin II
NCBI Official Symbol	SCG2
NCBI Official Synonym Symbols	SN; CHGC; EM66; SgII
NCBI Protein Information	secretogranin-2; secretoneurin; chromogranin-C
UniProt Protein Name	Secretogranin-2
UniProt Gene Name	SCG2
UniProt Synonym Gene Names	CHGC; SgII; SN
UniProt Entry Name	SCG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.