

Rabbit anti-Mouse, Rat Secretin/Sct Polyclonal Antibody | anti-SCT antibody

Anti-Secretin/Sct Antibody Picoband

CATALOG # AAA126539	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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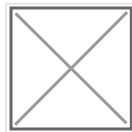
PRODUCT SYNONYMS

Secretin/Sct; Polyclonal Antibody; Anti-Secretin/Sct Antibody Picoband; anti-SCT antibody

PRODUCT SPECIFICATIONS

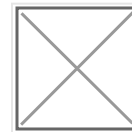
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SCT antibody	ELISA, IHC (Immunohistochemistry)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived mouse Secretin/Sct recombinant protein (Position: A25-D65).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Figure 2. IHC analysis of Secretin/Sct using anti-Secretin/Sct antibody (AAA126539). Secretin/Sct was detected in a paraffin-embedded section of rat colon tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Secretin/Sct Antibody (AAA126539) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 1. IHC analysis of Secretin/Sct using anti-Secretin/Sct antibody (AAA126539). Secretin/Sct was detected in a paraffin-embedded section of mouse colon tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Secretin/Sct Antibody (AAA126539) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-SCT antibody	Secretin is a hormone that regulates water homeostasis throughout the body and influences the environment of the duodenum by regulating secretions in the stomach, pancreas, and liver. It is a peptide hormone produced in the S cells of the duodenum, which are located in the intestinal glands. In humans, the secretin peptide is encoded by the SCT gene. This gene encodes the precursor of a gastrointestinal peptide hormone of the secretin-glucagon family. The encoded protein is secreted as a prohormone that undergoes proteolytic processing to generate a mature peptide hormone. The mature peptide regulates secretion of gastric acid, biocarbonate ions from pancreatic and biliary duct epithelia and water homeostasis in the gastrointestinal system. Mice lacking the encoded protein display decreased survival of neuroprogenitor cells during early postnatal period and impaired long-term potentiation and spatial learning in adulthood. Alternative splicing results in multiple transcript variants encoding different isoforms. All of these isoforms may be processed in a similar manner to generate the mature peptide hormone.
Product Categories/Family for anti-SCT antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755416
NCBI GeneID	20287
NCBI Accession #	NP_035458.1
NCBI GenBank Nucleotide #	NM_011328.3
UniProt Accession #	Q08535
Molecular Weight	14,914 Da
NCBI Official Full Name	secretin isoform 2 preproprotein
NCBI Official Synonym Full Names	secretin
NCBI Official Symbol	Sct
NCBI Protein Information	secretin
UniProt Protein Name	Secretin
UniProt Gene Name	Sct

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/secretin-sct-antibody-immunohistochemistry-elisa/126539>