

Rabbit SCTR Polyclonal Antibody | anti-SCTR antibody

SCTR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326923	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

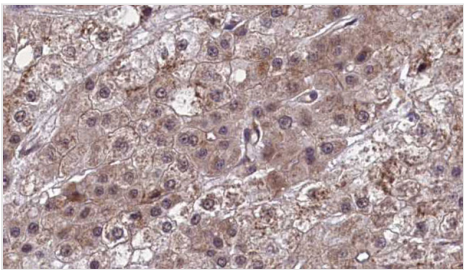
PRODUCT SYNONYMS

SCTR; Polyclonal Antibody; SCTR Antibody; SCT-R; Secretin receptor; SR; anti-SCTR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SCTR antibody detects endogenous levels of total SCTR
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	440
Applicable Applications for anti-SCTR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human SCTR
Subcellular Location	Cell Membrane; Multipass Membrane Protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

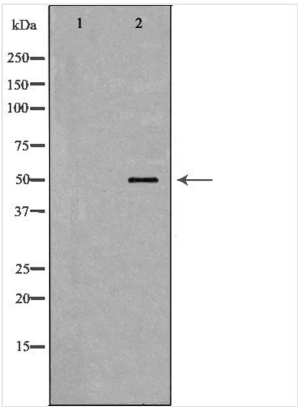
IMAGES



IHC (Immunohistochemistry)
AAA326923 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA326923 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts of mouse liver, using SCTR antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SCTR antibody	Description: The protein encoded by this gene is a G protein-coupled receptor and belongs to the glucagon-VIP-secretin receptor family. It binds secretin which is the most potent regulator of pancreatic bicarbonate, electrolyte and volume secretion. Secretin and its receptor are suggested to be involved in pancreatic cancer and autism. Function: This is a receptor for secretin. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. Similarity: Belongs to the G-protein coupled receptor 2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114205383
NCBI GeneID	6344
NCBI Accession #	NP_002971.2
NCBI GenBank Nucleotide #	NM_002980.2
UniProt Accession #	P47872; Q12961; Q13213; Q53T00
Molecular Weight	Observed: 50 kDa Predicted: 51 kDa
NCBI Official Full Name	secretin receptor
NCBI Official Synonym Full Names	secretin receptor

NCBI Official Symbol	SCTR
NCBI Official Synonym Symbols	SR
NCBI Protein Information	secretin receptor
UniProt Protein Name	Secretin receptor
UniProt Gene Name	SCTR
UniProt Synonym Gene Names	SCT-R

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/sctr-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326923>