

Goat Somatostatin proprotein Antibody | anti-SST antibody

Goat anti-Somatostatin proprotein (aa58-70) Antibody

CATALOG # AAA61876	HOST Goat	REACTIVITY Human Expected from sequence similarity: Mouse, Rat, Dog, Pig	APPLICATIONS Immunofluorescence, ELISA
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PRODUCT SYNONYMS

Somatostatin proprotein; Goat anti-Somatostatin proprotein (aa58-70) Antibody; SST; somatostatin; SMST; growth hormone release-inhibiting factor; somatostatin-14; somatostatin-28; Somatostatin proprotein (aa58-70); anti-SST antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat, Dog, Pig
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-SST antibody	IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-SEPNTQENDALEP, from the internal region of the protein sequence according to NP_001039.1.
Epitope	internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



ICC (Immunocytochemistry)

AAA61876 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



ICC (Immunocytochemistry)

AAA61876 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

ADDITIONAL INFORMATION

References	Coiro V, Volpi R, Stella A, Maccanelli F, Araldi A, Giumelli C, Magotti MG, Cataldo S, Chiodera P.; Inhibitory effect of somatostatin on the NPY response to insulin-induced hypoglycemia and the role of endogenous opioids.; Regul Pept. 2011 Oct 10;170(1-3):62-4.; PMID: 21640760
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507243
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NCBI GeneID	6750
NCBI Accession #	NP_001039.1
NCBI GenBank Nucleotide #	NM_001048.3
UniProt Accession #	P61278; P01166; B2R5G3
Molecular Weight	12,736 Da
NCBI Official Full Name	somatostatin preproprotein
NCBI Official Synonym Full Names	somatostatin
NCBI Official Symbol	SST
NCBI Official Synonym Symbols	SMST
NCBI Protein Information	somatostatin; growth hormone release-inhibiting factor; prepro-somatostatin; somatostatin-14; somatostatin-28
UniProt Protein Name	Somatostatin
UniProt Gene Name	SST
UniProt Entry Name	SMS_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.

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Online datasheet: <https://stage.aaabiotech.com/goat-sst-dog-human-mouse-pig-rat-antibody/somatostatin-proprotein/61876>