

Rabbit anti-Human Somatostatin (SST) Monoclonal Antibody | anti-SST antibody

Somatostatin (SST) Rabbit mAb

CATALOG # AAA28543	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA
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PRODUCT SYNONYMS

Somatostatin (SST); Monoclonal Antibody; Somatostatin (SST) Rabbit mAb; SMST; SST1; anti-SST antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	TGAPSDPRLR QFLQKSLAAA AGKQELAKYF LAELLSEPNQ TENDALEPED LSQAAEQDEM RLELQRSANS NPAMAPRERK AGCKNFFWKT FTSC
Applicable Applications for anti-SST antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	IHC-P: 1:500-1:2000 IF/ICC: 1:50-1:200 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 23-116 of human Somatostatin (SST)(NP_001039.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Human pancreas tissue using Somatostatin (SST) Rabbit mAb (AAA28543, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using Somatostatin (SST) Rabbit mAb (AAA28543) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

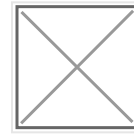
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using Somatostatin (SST) Rabbit mAb (AAA28543) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Somatostatin (SST) Rabbit mAb (AAA28543) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human brain tissue using Somatostatin (SST) Rabbit mAb (AAA28543) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Somatostatin (SST) Rabbit mAb (AAA28543) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-SST antibody	The hormone somatostatin has active 14 aa and 28 aa forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. Somatostatin is expressed throughout the body and inhibits the release of numerous secondary hormones by binding to high-affinity G-protein-coupled somatostatin receptors. This hormone is an important regulator of the endocrine system through its interactions with pituitary growth hormone, thyroid stimulating hormone, and most hormones of the gastrointestinal tract. Somatostatin also affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells.
Product Categories/Family for anti-SST antibody	Cell Biology Developmental Biology ; Neuroscience ; Cell Type Marker ; Stem Cells ; Neuron marker ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507243
NCBI GeneID	6750
NCBI Accession #	NP_001039.1
NCBI GenBank Nucleotide #	NM_001048.3
UniProt Accession #	P61278 ; P01166 ; B2R5G3
Molecular Weight	Calculated MW: 13kDa
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/monoclonal/somatostatin-sst-antibody-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28543>