

SST / Somatostatin Antibody (clone YC7)
Rat Monoclonal Antibody
Catalog # ALS15294**Specification**

SST / Somatostatin Antibody (clone YC7) - Product Information

Application	IHC
Primary Accession	P61278
Reactivity	Human, Mouse, Rat, Pig, Guinea Pig
Host	Rat
Clonality	Monoclonal
Calculated MW	13kDa KDa

SST / Somatostatin Antibody (clone YC7) - Additional Information**Gene ID** 6750**Other Names**

Somatostatin, Growth hormone release-inhibiting factor, Somatostatin-28, Somatostatin-14, SST

Target/Specificity

Specific for somatostatin. A hormone involved in endocrine system regulation through interactions with pituitary growth hormone, thyroid stimulating hormone, and a number of hormones of the gastrointestinal tract. Somatostatin has active 14 amino aci ...

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

SST / Somatostatin Antibody (clone YC7) is for research use only and not for use in diagnostic or therapeutic procedures.

SST / Somatostatin Antibody (clone YC7) - Protein Information**Name** SST**Function**

[Somatostatin-14]: Inhibits the secretion of pituitary hormones, including that of growth hormone/somatotropin (GH1), PRL, ACTH, luteinizing hormone (LH) and TSH. Also impairs ghrelin- and GnRH- stimulated secretion of GH1 and LH; the inhibition of ghrelin- stimulated secretion of GH1 can be further increased by neuronostatin.

Cellular Location

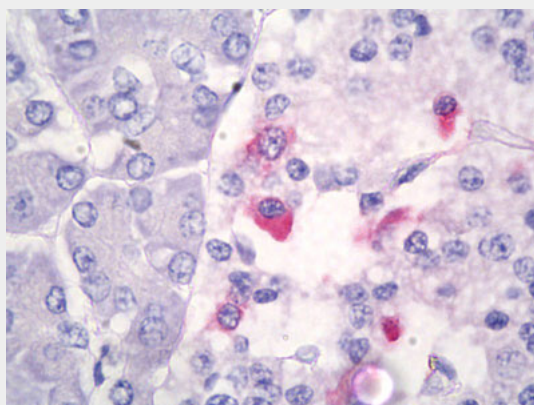
Secreted {ECO:0000250|UniProtKB:P60042}.

SST / Somatostatin Antibody (clone YC7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SST / Somatostatin Antibody (clone YC7) - Images



Anti-Somatostatin antibody IHC of human pancreas.

SST / Somatostatin Antibody (clone YC7) - Background

Somatostatin inhibits the release of somatotropin.

SST / Somatostatin Antibody (clone YC7) - References

Shen L.-P., et al. Proc. Natl. Acad. Sci. U.S.A. 79:4575-4579(1982).
Shen L.-P., et al. Science 224:168-171(1984).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.