

Somatostatin Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51537**Specification**

Somatostatin Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P61278
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17 KDa

Somatostatin Antibody - Additional Information**Gene ID** 6750**Other Names**

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

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Somatostatin. The exact sequence is proprietary.

Dilution

WB~~1:1000

IHC-P~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Somatostatin Antibody - 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}.

Somatostatin Antibody - 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](#)

Somatostatin Antibody - Images

Somatostatin Antibody - Background

Somatostatin inhibits the release of somatotropin.

Somatostatin Antibody - 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.