

SST Antibody

Purified Mouse Monoclonal Antibody Catalog # AO1764a

Product Information

Application Primary Accession Reactivity Host Clonality Clone Names Isotype Calculated MW Description	WB, IHC, FC, E P61278 Human Mouse Monoclonal 7G5 IgG1 12736 The 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.
Immunogen	Purified recombinant fragment of human SST (AA: 1-116) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	6750
Other Names	Somatostatin, Growth hormone release-inhibiting factor, Somatostatin-28, Somatostatin-14, SST
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SST Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name

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}.

References

1.Acta Neurol Scand. 2010 Apr;121(4):225-9.2.Endocrinology. 2009 May;150(5):2254-63.

Images



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