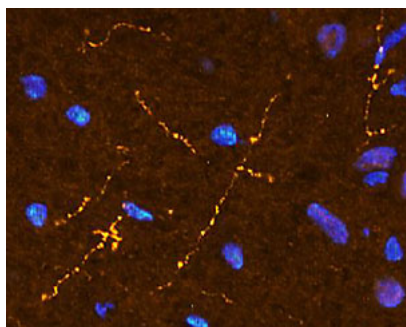




Rabbit polyclonal antibody to human Somatostatin (103-116)

Catalogue No.:	R-1502-50
Description:	Somatostatin is secreted by neuroendocrine neurons in hypothalamus and interacts with somatostatin receptors inhibiting secretion of somatotropin.
Batch No.:	See product label
Unit size:	50 ug
Antigen:	Synthetic Somatostatin peptide (103-116) conjugated to BSA.
Sequence:	AGCKNFFWKFTTSC
Antigen Location:	103-116
Other Names:	SST; Growth hormone release-inhibiting factor; SRIF; Growth hormone-inhibiting hormone; GHIH;
Accession:	P61278 SMS_HUMAN;
Produced in:	Rabbit
Applications:	A dilution of 5-10 ug/mL is recommended for immunohistochemistry using formalin fixed and paraffin embedded tissues and for 4% paraformaldehyde fixed frozen tissues. A dilution of 5-15 ug/mL is recommended for Immunocytochemistry. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Species Against:	Human
Antibody Against:	Somatostatin
Cross-reactivity:	Human, mouse, rat
Form:	Lyophilised with BSA
Appearance:	White powder
Reconstitution:	Reconstitute in 0.05 mL of PBS (pH 7.4). Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for up to six months for a higher stability and at 2-8C for one week with an appropriate antibacterial agent. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase (lyophilized).



Immunohistochemical staining in rat brainstem medulla. 4% paraformaldehyde fixed rat brain cryostat sections (10 μ m) were incubated overnight at 4°C with Rabbit polyclonal antibody to human Somatostatin (10 μ g/ml) followed by incubation with donkey anti-rabbit Rhodamine Red conjugated secondary antibody (1:200). Cell nuclei were counterstained with DAPI.

FOR RESEARCH USE ONLY