

For Research Use Only

SSTR1 Monoclonal antibody

Catalog Number: 60681-2-Ig



Basic Information

Catalog Number: 60681-2-Ig	GenBank Accession Number: BC035618	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6751	CloneNo.: 1F5E10
Source: Mouse	UNIPROT ID: P30872	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG1	Full Name: somatostatin receptor 1	
Immunogen Catalog Number: AG30826	Calculated MW: 391 aa, 43 kDa	
	Observed MW: 53 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : pig cerebellum tissue, mouse brain tissue, pig brain tissue, rat brain tissue
Species Specificity: human, mouse, rat, pig	

Background Information

SSTR1 is a Gi/o-coupled somatostatin receptor expressed in the brain, pancreas, and gastrointestinal epithelium, where it modulates neurotransmission, hormone secretion, and cellular proliferation. Through suppression of cAMP and regulation of Ca²⁺ signaling, SSTR1 mediates key inhibitory actions of somatostatin. Its expression in neuroendocrine tumors and roles in metabolic and neurological regulation underscore its clinical and biological relevance.

Storage

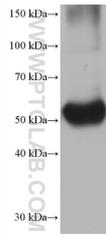
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

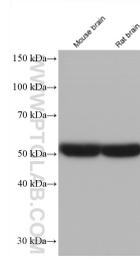
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

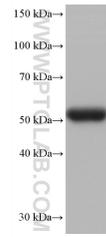
Selected Validation Data



pig cerebellum tissue were subjected to SDS PAGE followed by western blot with 60681-2-Ig (SSTR1 antibody) at dilution of 1:54000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 60681-2-Ig (SSTR1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



pig brain tissue were subjected to SDS PAGE followed by western blot with 60681-2-Ig (SSTR1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.