

For Research Use Only

# SSTR1 Monoclonal antibody

Catalog Number: 60681-2-Ig



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : pig cerebellum tissue, mouse brain tissue, pig brain tissue, rat brain tissue
<b>Species Specificity:</b> 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 Ca<sup>2+</sup> 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

For technical support and original validation data for this product please contact:

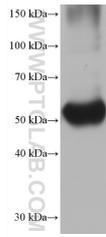
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

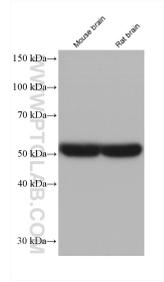
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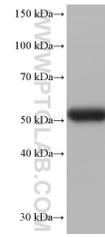
## Selected Validation Data



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.