

## 10-12536: Mouse Monoclonal Antibody to SYP(Clone :BS15)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	BS15
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	SYP
<b>Gene ID :</b>	6855
<b>Uniprot ID :</b>	P08247
<b>Alternative Name :</b>	Synaptophysin, Major synaptic vesicle protein p38
<b>Isotype :</b>	Mouse IgG1

### Description

Synaptophysin (p38) is an integral membrane protein of small synaptic vesicles in brain and endocrine cells. Synaptophysin contains four transmembrane domains that form a hexameric channel or gap junction-like pore. Synaptophysin binds to the SNARE protein synaptobrevin/VAMP, which prevents the inclusion of synaptobrevin in the synaptic vesicle fusion complex and creates a pool of synaptobrevin for exocytosis when synapse activity increases. Synaptophysin is also responsible for targeting synaptobrevin 2/VAMP2 to synaptic vesicles, a critical component of the fusion complex.

### Product Info

<b>Amount :</b>	0.1 ml / 0.5 ml
<b>Content :</b>	TRIS with 0.03% sodium azide, pH7.2
<b>Storage condition :</b>	Store at 4°C

### Application Note

Immunohistochemical Analysis :-1:300

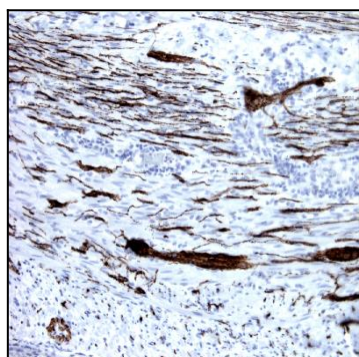


Figure-1: Appendix section has been stained using Synaptophysin antibody (Clone: BS15) with 1:300 dilution. Ganglion cells and neuronal axons stained strongly.

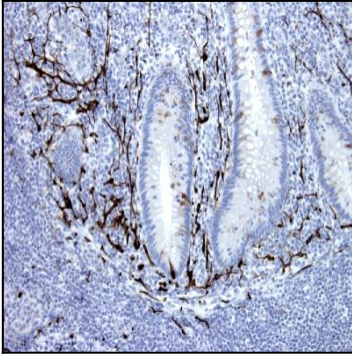


Figure-2: Appendix section has been stained using Synaptophysin antibody (Clone: BS15) with 1:300 dilution. Ganglion cells and neuronal axons stained strongly.

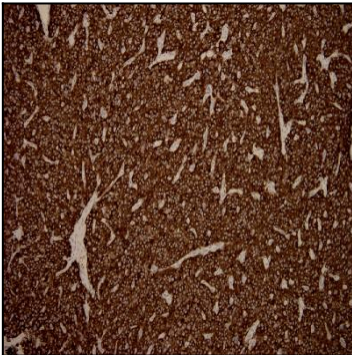


Figure-3: Neuro endocrine tumor section has been stained using Synaptophysin antibody (Clone: BS15) with 1:300 dilution. Neuroendocrine tumor cells have intensive staining reaction.