

## SYP Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA1179
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of SYP expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human,Rat
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Synaptophysin
<b>Synonyms</b>	SYP; Synaptophysin; Major synaptic vesicle protein p38

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene encodes an integral membrane protein of small synaptic vesicles in brain and endocrine cells. The protein also binds cholesterol and is thought to direct targeting of vesicle-associated membrane protein 2 (synaptobrevin) to intracellular compartments. Mutations in this gene are associated with X-linked mental retardation (XLMR).

### Recommended Dilution

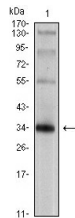
ELISA: 1:10000

IHC: 1:200 - 1:1000

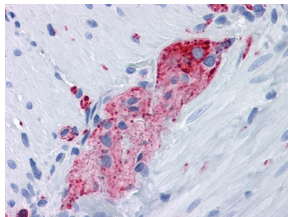
WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using SYP Monoclonal antibody against rat brain tissue lysate.



Immunohistochemistry analysis of paraffin-embedded human Small Intestine, myenteric plexus tissues with AEC staining using SYP Monoclonal antibody.

## Storage

-20°C for one year

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