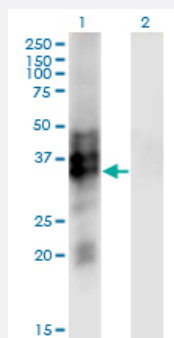


SYP monoclonal antibody (M01), clone 3B3

Catalog # H00006855-M01

Size 100 ug

Applications

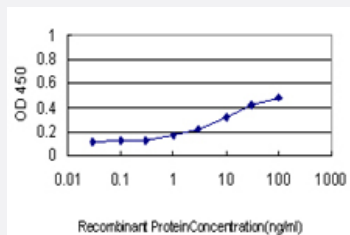


Western Blot (Transfected lysate)

Western Blot analysis of SYP expression in transfected 293T cell line by SYP monoclonal antibody (M01), clone 3B3.

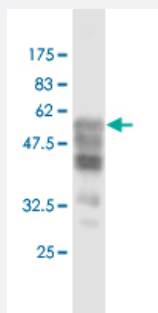
Lane 1: SYP transfected lysate (Predicted MW: 33.8 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SYP is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (60.17 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant SYP.

Immunogen	SYP (AAH64550.1, 1 a.a. ~ 313 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLLLADMDVVNQLVAGGQFRVVKEPLGFVKVLQWVFAIFAFATCGSYSGELQLNVDCANKTESD LSIEVEFEYFRLHQVYFDAPTCRGGTTKVFLVGDYSSSAEFFVTVAVFALYSMGALATYIFLQNK YRENNKGPMMLDFLATAVFAFMWLVSSSAWAKGLSDVKMATDPENIIKEMPVCRQTGNTCKELRD LVTSGLNLSVVFGLNLVLWVGNLWVFKETGWAAPFLRAPPGAPEKQPAPGDAYGDAGYGQG PGGYGPQDSYGPQGGYQPDYGGPAGSGSGYGPQGDYGGQGYGPQGAPTSFSNQM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.17 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SYP expression in transfected 293T cell line by SYP monoclonal antibody (M01), clone 3B3.

Lane 1: SYP transfected lysate (Predicted MW: 33.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SYP is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SYP

Entrez GeneID	6855
GeneBank Accession#	BC064550
Protein Accession#	AAH64550.1
Gene Name	SYP
Gene Alias	-
Gene Description	synaptophysin
Omim ID	313475
Gene Ontology	Hyperlink
Gene Summary	Synaptophysin (p38) is an integral membrane protein of small synaptic vesicles in brain and endocrine cells.[supplied by OMIM]
Other Designations	major synaptic vesicle protein P38

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Genetic Predisposition to Disease](#)