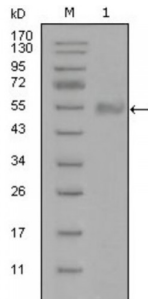


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## Synaptotagmin 1 (SYT1) Antibody

Catalogue No.: abx011587



Western blot analysis using SYT1 antibody against truncated Trx-SYT1 recombinant protein (1).

SYT1: synaptotagmin I. The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca<sup>2+</sup> sensors in the process of vesicular trafficking and exocytosis. Calcium binding to synaptotagmin I participates in triggering neurotransmitter release at the synapse.

<b>Target:</b>	SYT1
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>Tested Applications:</b>	ELISA, WB
<b>Recommended dilutions:</b>	ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
<b>Immunogen:</b>	Purified recombinant fragment of SYT1 expressed in E. Coli.
<b>Purification:</b>	Unpurified Ascites.
<b>Isotype:</b>	IgG <sub>1</sub>
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Molecular Weight:</b>	60 kDa
<b>Swiss Prot:</b>	<a href="#">P21579</a>
<b>GeneID:</b>	<a href="#">6857</a>

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**Gene Symbol:** SYT1

**OMIM:** [185605](#)

**HGNC:** 11509

**Ensembl:** ENSG00000067715

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Note:** This product is for research use only.