

Synaptotagmin 1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1175
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of Synaptotagmin 1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Synaptotagmin-1
Synonyms	SYT1; SVP65; SYT; Synaptotagmin-1; Synaptotagmin I; SytI; p65

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

Background

The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca²⁺ sensors in the process of vesicular trafficking and exocytosis. Calcium binding to synaptotagmin-1 participates in triggering neurotransmitter release at the synapse (Fernandez-Chacon et al., 2001 [PubMed 11242035]).[supplied by OMIM, Jul 2010],

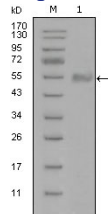
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Synaptotagmin 1 Monoclonal antibody against truncated Trx-Synaptotagmin 1 recombinant protein (1).

Storage

-20°C for one year

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