

Synaptotagmin 1/2(Phospho Thr202/199) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14628
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Synaptotagmin around the phosphorylation site of Thr202. AA range:176-225
Mol wt	47573;46872
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Synaptotagmin-1/2
Synonyms	Synaptotagmin-1/2; SYT1; SVP65; SYT; Synaptotagmin-1; Synaptotagmin I; SytI; p65; SYT2; Synaptotagmin-2; Synaptotagmin II; SytII

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 Ca(2+) 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)

Recommended Dilution

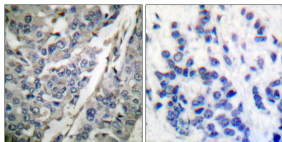
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

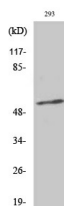
ELISA: 1: 40000

Not yet tested in other applications.

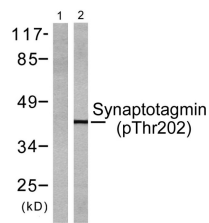
Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Synaptotagmin (Phospho-Thr202) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-Synaptotagmin 1/2 (T202/199) Polyclonal Antibody



Western blot analysis of lysates from 293 cells treated with Forskolin 40nM 30', using Synaptotagmin (Phospho-Thr202) Antibody. The lane on the left is blocked with the phospho peptide.

Storage

-20°C for 1 year

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