

Anti-Phospho-Synaptotagmin-1/2 (Ser309, 306) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 47 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ELISA,IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human Synaptotagmin around the phosphorylation site of Ser309. AA range:276-325
Antigen Species:	Human
Uniprot ID:	P21579
Synonyms:	p-Synaptotagmin-1/2 (Ser309, 306);p-Synaptotagmin-1/2 (S309, 306);Synaptotagmin-1/2 (p-Ser309, 306);Synaptotagmin-1/2 (p-S309, 306)

Research Background

synaptotagmin 1 (SYT1) Homo sapiens 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 [PubMed 11242035]).[supplied by OMIM, Jul 2010],

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481