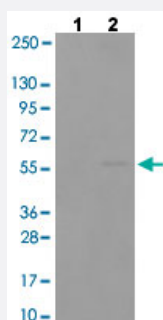


SYT1 (phospho T202) polyclonal antibody

Catalog # PAB29255

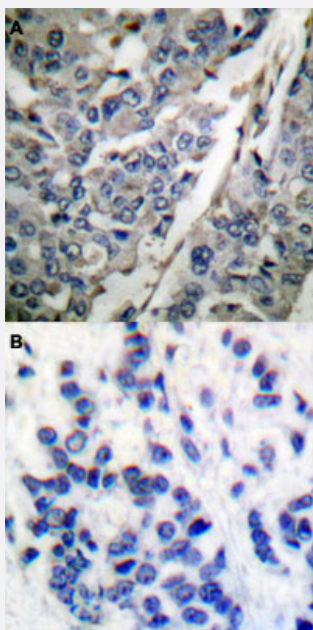
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: antigen-specific peptide treated COLO205 cells, Lane 2: COLO205 cells with SYT1 (phospho T202) polyclonal antibody (Cat# PAB29255) at 1:500-1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer tissue with SYT1 (phospho T202) polyclonal antibody (Cat# PAB29255) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of human SYT1.

Immunogen

Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding T202 of human SYT1.

Host	Rabbit
Theoretical MW (kDa)	60
Reactivity	Human, Mouse, Rat
Specificity	SYT1 (phospho T202) polyclonal antibody detects endogenous levels of human SYT1 only when phosphorylated at threonine 202.
Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunohistochemistry (1:50~1:100) Western Blot (1:500~1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — SYT1

Entrez GeneID	6857
Protein Accession#	P21579
Gene Name	SYT1
Gene Alias	DKFZp781D2042, P65, SVP65, SYT

Gene Description	synaptotagmin I
Omim ID	185605
Gene Ontology	Hyperlink
Gene Summary	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 I participates in triggering neurotransmitter release at the synapse (Fernandez-Chacon et al., 2001 [PubMed 11242035]).[supplied by OMIM]
Other Designations	OTTHUMP00000166064 synaptotagmin 1

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Mental Retardation](#)
- [Tobacco Use Disorder](#)