

DNAxPAb

Hard-to-Find
Antibody

SYT1 DNAxPab

Catalog # H00006857-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SYT1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVSESHHEALAAPPVTTVATVLP SNATEPASPGEKGEDAFSKLKEKFMNELHKIPLPPWALIAIAI VAVLLVLTCCFCICKKCLFKKKNNKKKGKEKGGKNAINMKDVKDLGKTMKDQALKDDDAETGLTD GEEKEEPKEEEKLGKLQYSLDYDFQNNQLLVGIIQAAELPALDMGGTSDPYVKVFLLPDKKKKFE TKVHRKTLNPVFNEQFTFKVPYSELGGKTLVMAVYDFDRFSKHDIIGEFKVPMTVDVFGHVTEEW RDLQSAEKEEQEKLGDICFSLRYVPTAGKLTVVILEAKNLKKMDVGGGLSDPYVKIHLMQNGKRLKK KKTTIKKNTLNPYINESFSFEVPFEQIQKVQVVVTVLDYDKIGKND AIGKV FVGYNSTGAELRHWS MLANPRRPIAQWHTLQVEEEVDAMLAVKK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SYT1

Entrez GeneID	6857
GeneBank Accession#	BC058917
Protein Accession#	AAH58917
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](#)