



Anti-VAMP7 monoclonal antibody, clone 25G579 (CABT-37960MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Monoclonal antibody to Human VAMP7.
Antigen Description	This gene encodes a transmembrane protein that is a member of the soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) family. The encoded protein localizes to late endosomes and lysosomes and is involved in the fusion of transport vesicles to their target membranes. Alternate splicing results in multiple transcript variants.
Specificity	Detected in all tissues tested.
Immunogen	Recombinant full SYBL1 protein (Human)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat, Human
Clone	25G579
Purification	Affinity purified
Conjugate	Unconjugated
Applications	IP, ICC, WB
Sequence Similarities	Belongs to the synaptobrevin family. Contains 1 longin domain. Contains 1 v-SNARE coiled-coil homology domain.
Format	Lyophilized
Size	100 µg
Buffer	For reconstitution add 100 ul H ₂ O to get a 1mg/ml solution in PBS.
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	VAMP7 vesicle-associated membrane protein 7 [Homo sapiens]
Official Symbol	VAMP7
Synonyms	VAMP7; vesicle-associated membrane protein 7; SYBL1,synaptobrevin like 1; TI VAMP; VAMP 7; FLJ53045; FLJ53762; FLJ54296; HGNC:11486; OTTHUMP00000024258; OTTHUMP00000024259; OTTHUMP00000225953; SYBL 1; SYBL1; Synaptobrevin like 1; Synaptobrevin-like protein 1; Tetanus insensitive VAMP; Tetanus neurotoxin insensitive VAMP; Tetanus-insensitive VAMP; TI VAMP; Ti-VAMP; TIVAMP; VAMP-7; VAMP7; VAMP7_HUMAN; Vesicle-associated membrane protein 7; synaptobrevin-like 1; tetanus-insensitive VAMP; synaptobrevin-like protein 1; tetanus neurotoxin-insensitive VAMP; SYBL1; TIVAMP; VAMP-7; TI-VAMP;
Entrez Gene ID	6845
mRNA Refseq	NM_001145149
Protein Refseq	NP_001138621
MIM	300053
UniProt ID	P51809
Chromosome Location	Xq28 and Yq12
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Lysosome Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem.
Function	protein binding;