



Anti-STX1B monoclonal antibody, clone TQ7 (DCABH-354)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Syntaxin
Antigen Description	Potentially involved in docking of synaptic vesicles at presynaptic active zones. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm.
Immunogen	Synaptic vesicle-containing fractions immunoprecipitated from Human brain homogenates using anti-Human Syntaxin monoclonal antibodies.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	TQ7
Conjugate	Unconjugated
Applications	WB, ELISA, Flow Cyt
Format	Liquid
Size	200 µg
Buffer	Preservative: 0.02% Sodium azide; Constituent: 99% PBS
Preservative	0.02% Sodium Azide
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	STX2 syntaxin 2 [Homo sapiens]
Official Symbol	Stx2
Synonyms	STX2; syntaxin 2; EPIM, epimorphin , STX2A, STX2B, STX2C; syntaxin-2; EPM; epimorphin; EPIM; STX2A; STX2B; STX2C; MGC51014;
Entrez Gene ID	2054
Protein Refseq	NP_919337
UniProt ID	P32856
Chromosome Location	12q24
Pathway	Botulinum neurotoxicity, organism-specific biosystem; Disease, organism-specific biosystem; Neuronal System, organism-specific biosystem; Proteolytic cleavage of SNARE complex proteins, organism-specific biosystem; SNARE interactions in vesicular transport, organism-specific biosystem; SNARE interactions in vesicular transport, conserved biosystem; Synaptic vesicle cycle, organism-specific biosystem;
Function	SNAP receptor activity; SNARE binding; calcium-dependent protein binding; protein binding;