



Anti-STXBP5 (aa 3-178) polyclonal antibody (DPABH-08184)

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

PRODUCT INFORMATION

Antigen Description	Tomosyn plays a regulatory role in calcium-dependent exocytosis and neurotransmitter release by inhibiting the assembly of trans-SNARE complexes between transport vesicles and the plasma membrane, via the displacement of munc18 from syntaxin-1. There are three splice variants of tomosyn designated m-tomosyn, b-tomosyn and s-tomosyn. Although b-tomosyn is ubiquitously expressed, s-tomosyn and m-tomosyn are expressed primarily in brain.
Immunogen	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 3-178 of Human Tomosyn.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µl
Buffer	Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	STXBP5 syntaxin binding protein 6 (tomosyn) [Homo sapiens]
Official Symbol	STXBP5
Synonyms	STXBP5; syntaxin binding protein 5 (tomosyn); LGL3; LLGL3; Nbla04300; syntaxin-binding protein 5; tomosyn; tomosyn-1; putative protein product of Nbla04300; lethal(2) giant larvae protein homolog 3;
Entrez Gene ID	134957
Protein Refseq	NP_001121187.1
UniProt ID	Q5T5C0
Function	syntaxin-1 binding;