



Rabbit Anti-Human Syntaxin 1 monoclonal antibody, clone TQ47 (CABT-L1613)

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

PRODUCT INFORMATION

| | |
|---------------------------|--|
| Target | STX1 |
| Immunogen | Synthetic peptide derived from N-terminus of human syntaxin 1A |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Mouse |
| Clone | TQ47 |
| Purification | Protein A/G Purified |
| Conjugate | Unconjugated |
| Applications | IHC-P |
| Positive Control | A suggested positive control is cerebral cortex tissue. |
| Format | Liquid |
| Buffer | PBS, pH 7.6, with 1% BSA |
| Preservative | 0.1% Sodium Azide |
| Storage | 4°C, do not freeze |

BACKGROUND

Introduction

Syntaxin 1a is potentially involved in docking of synaptic vesicles at presynaptic active zones and may play a critical role in neurotransmitter exocytosis. Haploinsufficiency of STX1A may be the cause of certain cardiovascular and musculo skeletal abnormalities observed in Williams-Beuren syndrome (WBS), a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band 7q11.23.

GENE INFORMATION

Entrez Gene ID

[6804](#)

UniProt ID

[Q16623](#)
