



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
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UniProt ID	Q16623
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