



Rabbit Anti-Human STX6 monoclonal antibody, clone 932M5 (DCABH-3783)

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

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Pig, Bovine, Rat and Mouse.
Target	STX6
Immunogen	Recombinant protein corresponding to Human STX6 (aa 2-234)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Clone	932M5
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

Syntaxin 6 is a member of the syntaxin superfamily. Syntaxins are nervous system-specific proteins implicated in the docking of synaptic vesicles with the presynaptic plasma membrane. Syntaxins possess a single C-terminal transmembrane domain, a SNARE domain, and an N-terminal regulatory domain. Syntaxins bind synaptotagmin in a calcium-dependent fashion and interact with voltage dependent calcium and potassium channels via the C-terminal H3 domain. Syntaxin is a key molecule in ion channel regulation and synaptic exocytosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Keywords

Syx6;Syntaxin 6;CG7736;CT23545;Dm
Syx6;DmellCG7736;DmSyx6;SYN6;Syx;SYX6/10;CG7736 gene product from transcript
CG7736-RB;CG7736-PB;CG7736-PD;CG7736-PE;Syx6-PB;Syx6-PD;Syx6-
PE;syntaxin;syntaxin 6;NP_995814.1;NP_995816.1;OTTHUMP000000033

GENE INFORMATION

Entrez Gene ID

[10228](#)

UniProt ID

[O43752](#)