

Anti-STX4 Antibody (5X435)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5X435
Purification:	Affinity-chromatography

Applications

	Western Blot
	-Positive WB detected in: 293 whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, HeLa whole cell lysate, HL-60 whole cell lysate, A375 whole cell lysate, MCF-7 whole cell lysate
Verified Activity:	-All lanes: Syntaxin 4 antibody at 1:1000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 35, 34 kDa -Observed band size: 35 kDa
Application:	ELISA, WB
Recommended	WB:1:500-1:5000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human Syntaxin 4
Antigen Species:	Human
Gene ID:	6810
Uniprot ID:	Q12846
Synonyms:	Syntaxin-4;STX 4;Renal carcinoma antigen NY-REN-31;STX4A
Biology Area:	Neuroscience, Signal transduction

Research Background

Plasma membrane t-SNARE that mediates docking of transport vesicles. Necessary for the translocation of SLC2A4 from intracellular vesicles to the plasma membrane. In neurons, recruited at neurite tips to membrane domains rich in the phospholipid 1-oleoyl-2-palmitoyl-PC (OPPC) which promotes neurite tip surface expression of the dopamine transporter SLC6A3/DAT by facilitating fusion of SLC6A3-containing transport vesicles with the plasma membrane. Together with STXB3 and VAMP2, may also play a role in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes and in docking of synaptic vesicles at presynaptic active zones.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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