

STB5L Rabbit Polyclonal Antibody

STB5L Rabbit Polyclonal Antibody

Catalog # AP93479

Product Information

Application	WB
Primary Accession	Q9Y2K9
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	131887

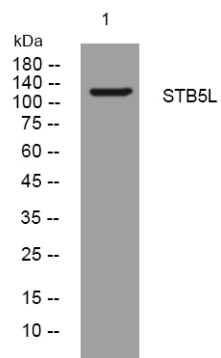
Additional Information

Gene ID	9515
Other Names	Syntaxin-binding protein 5-like, Lethal(2) giant larvae protein homolog 4, Tomosyn-2, STXBP5L, KIAA1006, LLGL4
Dilution	WB~~1:1000
Storage Conditions	-20°C

Protein Information

Name	STXBP5L
Synonyms	KIAA1006, LLGL4
Function	Plays a role in vesicle trafficking and exocytosis inhibition. In pancreatic beta-cells, inhibits insulin secretion probably by interacting with and regulating STX1A and STX4, key t-SNARE proteins involved in the fusion of insulin granules to the plasma membrane. Also plays a role in neurotransmitter release by inhibiting basal acetylcholine release from axon terminals and by preventing synaptic fatigue upon repetitive stimulation (By similarity). Promotes as well axonal outgrowth (PubMed: 25504045).
Cellular Location	Cytoplasm. Cell membrane; Peripheral membrane protein. Membrane; Peripheral membrane protein Note=Cytoplasmic, and associated with vesicular membranes and the plasma membrane.
Tissue Location	Detected in kidney, hippocampus and lung carcinoma.

Images



Western blot analysis of lysates from CACO2 cells,
primary antibody was diluted at 1:1000, 4° over night

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.