



STX16 rabbit pAb

Catalog No	YP-Ab-08695
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	STX16
Immunogen	Synthesized peptide derived from human STX16 AA range: 209-259
Specificity	This antibody detects endogenous levels of STX16 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Golgi Marker;hsyn16;STX16;SYN16;syntaxin 16
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Golgi apparatus membrane; Single-pass type IV membrane protein.; [Isoform C] : Cytoplasm.
Tissue Specificity	Ubiquitous.
Function	disease:Genetic variations in STX16 may be a cause of pseudohypoparathyroidism type 1B (PHP1B) [MIM:603233]. Pseudohypoparathyroidism refers to a heterogeneous group of disorders characterized by resistance to parathyroid hormone (PTH). PHP1B is characterized by PTH-resistant hypocalcemia and hyperphosphatemia. Patients affected with PHP1B lack developmental defects characteristic of Albright hereditary osteodystrophy, and typically show no other endocrine abnormalities besides resistance to PTH. In some cases microdeletions involving STX16 appear to cause loss of methylation at exon A/B of the GNAS gene, resulting in PHP1B.,function:SNARE involved in a vesicular transport step within the Golgi stack.,similarity:Belongs to the syntaxin family.,similarity:Contains 1 t-SNARE coiled-coil homology domain.,tissue specificity:Ubiquitous.,



Background

This gene encodes a protein that is a member of the syntaxin or t-SNARE (target-SNAP receptor) family. These proteins are found on cell membranes and serve as the targets for V-SNARES (vesicle-SNAP receptors) permitting specific synaptic vesicle docking and fusion. A microdeletion in the region of chromosome 20 where this gene is located has been associated with pseudohypoparathyroidism type 1b. Multiple transcript variants have been found for this gene. Read-through transcription also exists between this gene and the neighboring downstream aminopeptidase-like 1 (NPEPL1) gene. [provided by RefSeq, Mar 2011],

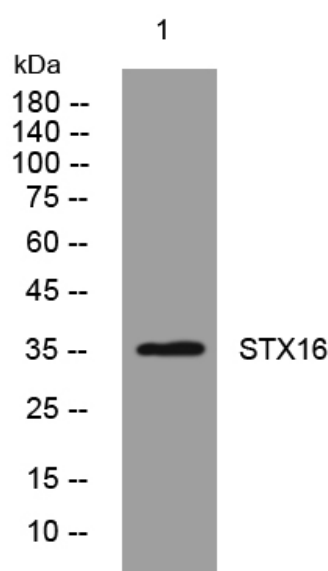
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night