



Granuphilin rabbit pAb

Cat No.:ES8035

For research use only

Overview

Product Name	Granuphilin rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SYTL4. AA range:381-430
Specificity	Granuphilin Polyclonal Antibody detects endogenous levels of Granuphilin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Synaptotagmin-like protein 4
Gene Name	SYTL4
Cellular localization	Membrane ; Peripheral membrane protein . Cell membrane ; Peripheral membrane protein . Cytoplasmic vesicle, secretory vesicle membrane ; Peripheral membrane protein . Detected close to the plasma membrane and on secretory granules. In pancreas, interacts with insulin-containing vesicles (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	76kD
Human Gene ID	94121
Human Swiss-Prot Number	Q96C24
Alternative Names	SYTL4; Synaptotagmin-like protein 4; Exophilin-2; Granuphilin





Background

This gene encodes a member of the synaptotagmin like protein family. Members of this family are characterized by an N-terminal Rab27 binding domain and C-terminal tandem C2 domains. The encoded protein binds specific small Rab GTPases and is involved in intracellular membrane trafficking. This protein binds Rab27 and may be involved in inhibiting dense core vesicle exocytosis. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Mar 2010],

