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Anti-Granuphilin Antibody

Catalog # AP53981

Product Information

Application	WB, IHC
Primary Accession	Q96C24
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76024

Additional Information

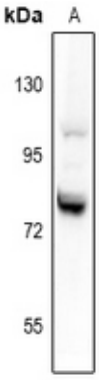
Gene ID	94121
Other Names	Synaptotagmin-like protein 4; Exophilin-2; Granuphilin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Granuphilin. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

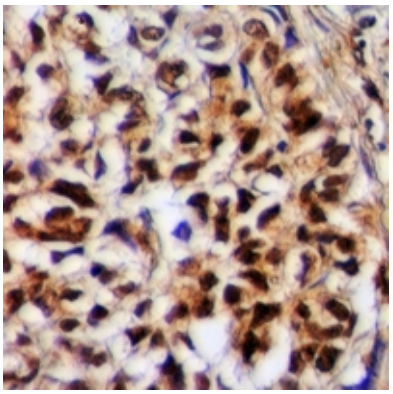
Name	SYTL4
Function	Modulates exocytosis of dense-core granules and secretion of hormones in the pancreas and the pituitary. Interacts with vesicles containing negatively charged phospholipids in a Ca(2+)-independent manner (By similarity).
Cellular Location	Membrane; Peripheral membrane protein. Cell membrane; Peripheral membrane protein. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein. Note=Detected close to the plasma membrane and on secretory granules. In pancreas, interacts with insulin-containing vesicles (By similarity)

Images

Western blot analysis of Granuphilin expression in CT26



(A) whole cell lysates. (Predicted band size: 76 kD; Observed band size: 76 kD)



Immunohistochemical analysis of Granuphilin staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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