

PACO15046

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:1000,
IHC:1:15-1:50

Protein Background:

Synaptotagmins, such as SYT5, are a family of type III membrane proteins characterized by cytoplasmic repeats related to protein kinase C regulatory (C2) domains, which are thought to bind calcium. Synaptotagmins may act both as negative regulators of vesicle fusion, allowing fusion in the presence of calcium, and as calcium receptors or sensor molecules. May be involved in Ca²⁺-dependent exocytosis of secretory vesicles through Ca²⁺ and phospholipid binding to the C2 domain or may serve as Ca²⁺ sensors in the process of vesicular trafficking and exocytosis. Regulates the Ca²⁺-dependent secretion of norepinephrine in PC12 cells. Required for export from the endocytic recycling compartment to the cell surface.

Gene ID:

SYT5

Uniprot

O00445

Synonyms:

Synaptotagmin V

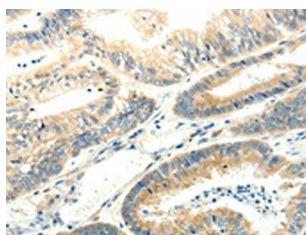
Immunogen:

Fusion protein of human SYT5.

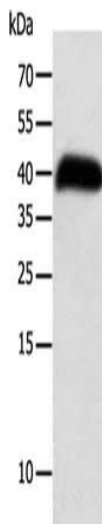
Storage:

-20° C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

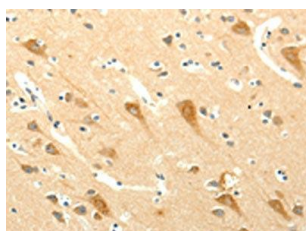
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO15046(SYT5 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane: Human thigh malignant fibrous histiocytoma tissue, Primary antibody: PACO15046(SYT5 Antibody) at dilution 1/100, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 8 hours.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO15046(SYT5 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: x—200).