Vesicle-associated membrane protein 7 Polyclonal Antibody

Catalog No: #42365

Description

Product Name	Vesicle-associated membrane protein 7 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Vesicle-associated membrane protein 7 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Vesicle-associated membrane protein 7 protein
Target Name	Vesicle-associated membrane protein 7
Other Names	Synaptobrevin-like protein 1, Tetanus-insensitive VAMP
Accession No.	Swiss-Prot#: P51809
Uniprot	P51809
GeneID	6845;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images
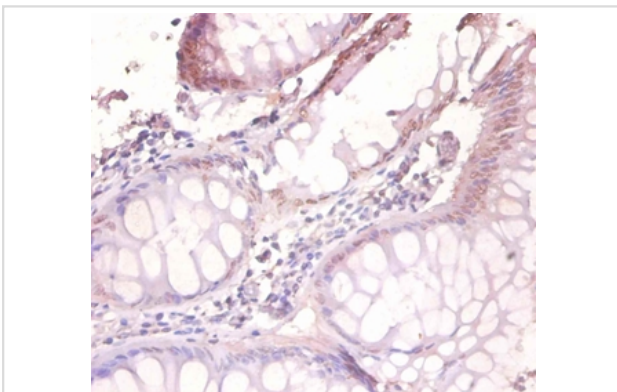
Immunohistochemical analysis of paraffin-embeded human colorectal carcinoma using #42365 at dilution of 1:100.

Background

Involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. Required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators

during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation.

References

[1]"A synaptobrevin-like gene in the Xq28 pseudoautosomal region undergoes X inactivation."D'Esposito M., Ciccodicola A., Gianfrancesco F., Esposito T., Flagiello L., Mazzarella R., Schlessinger D., D'Urso M.Nat. Genet. 13:227-229(1996)

Note: This product is for in vitro research use only