

For Research Use Only

Syntaxin 16 Monoclonal antibody

Catalog Number: 66775-1-Ig



Basic Information

Catalog Number: 66775-1-Ig	GenBank Accession Number: BC019042	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8675	CloneNo.: 4A9D8
Source: Mouse	UNIPROT ID: O14662	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000 IF/ICC 1:100-1:800
Isotype: IgG1	Full Name: syntaxin 16	
Immunogen Catalog Number: AG27926	Calculated MW: 37 kDa	
	Observed MW: 37-40 kDa	

Applications

Tested Applications:

WB, IF, IHC, ELISA

Species Specificity:

Human, Mouse, Rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, rat brain tissue, mouse brain tissue, HEK-293 cells, HepG2 cells, Jurkat cells

IHC : human lung cancer tissue, human colon cancer tissue

IF/ICC : Neuro-2a cells,

Background Information

Syntaxin 16 (STX16), also named as SYN16, belongs to the syntaxin family. Syntaxins are target membrane SNAREs (Soluble NSF attachment protein receptors) which are membrane components that determine the specificity of the docking and fusion of vesicles to target membranes. STX16 is localized to the Golgi apparatus.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

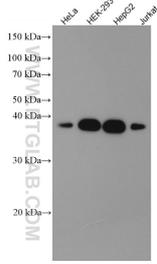
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

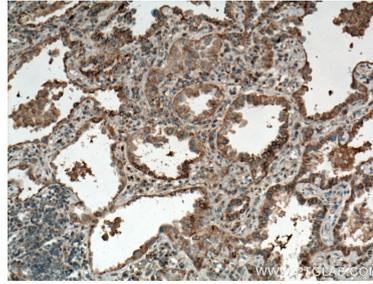
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

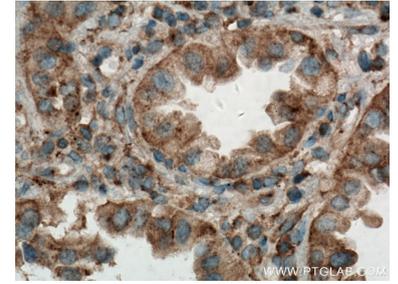
Selected Validation Data



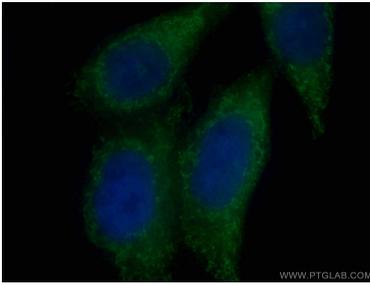
Various lysates were subjected to SDS PAGE followed by western blot with 66775-1-Ig (Syntaxin 16 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



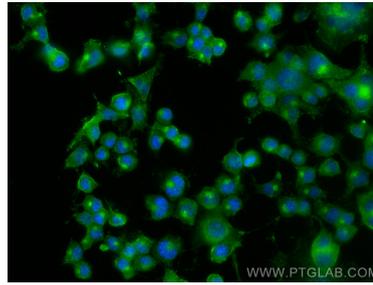
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66775-1-Ig (Syntaxin 16 antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66775-1-Ig (Syntaxin 16 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66775-1-Ig (Syntaxin 16 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using Syntaxin 16 antibody (66775-1-Ig, Clone: 4A9D8) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).