

For Research Use Only

STXBP2 Polyclonal antibody

Catalog Number: 15312-1-AP **5 Publications**



Basic Information

Catalog Number: 15312-1-AP	GenBank Accession Number: BC002869	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6813	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:200
Source: Rabbit	Full Name: syntaxin binding protein 2	
Isotype: IgG	Calculated MW: 593 aa, 66 kDa	
Immunogen Catalog Number: AG7537	Observed MW: 66 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : K-562 cells, Jurkat cells, mouse brain tissue, mouse kidney tissue, rat kidney tissue IHC : human lung cancer tissue, human kidney tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Syntaxin-binding protein 2 (STXBP2, also known as Unc18-2) belongs to the STXBP/unc-18/SEC1 family. STXBP2 is involved in intracellular trafficking, control of SNARE (soluble NSF attachment protein receptor) complex assembly, and the release of cytotoxic granules by natural killer cells. Mutations in the STXBP2 gene are associated with familial hemophagocytic lymphohistiocytosis.

Notable Publications

Author	Pubmed ID	Journal	Application
Frank Cichocki	24842371	J Exp Med	WB
Prasad V Phatarpekar	32841357	J Cell Biol	WB
Xing-Lian Duan	31962145	Neuroscience	WB

Storage

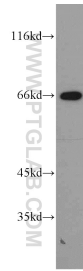
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

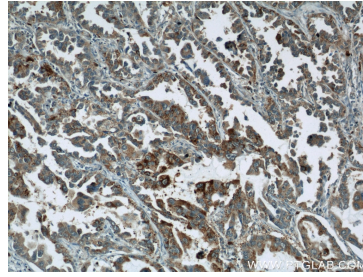
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

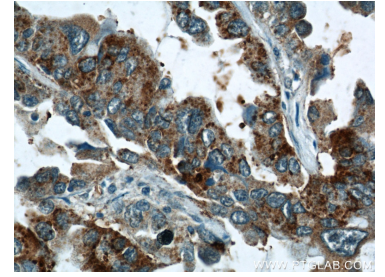
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 15312-1-AP (STXBP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 15312-1-AP (STXBP2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 15312-1-AP (STXBP2 antibody) at dilution of 1:50 (under 40x lens).