

For Research Use Only

TPSAB1 Polyclonal antibody

Catalog Number: 13343-1-AP **7 Publications**



Basic Information

Catalog Number: 13343-1-AP	GenBank Accession Number: BC028059	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7177	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: tryptase alpha/beta 1	
Isotype: IgG	Calculated MW: 275 aa, 31 kDa	
Immunogen Catalog Number: AG4167	Observed MW: 32-38 kDa	

Applications

Tested Applications: FC, IF, IHC, IP, WB, ELISA	Positive Controls: WB : A431 cells, K-562 cells, mouse liver tissue, rat liver tissue IP : mouse liver tissue, IHC : human tonsillitis tissue, human appendix tissue IF : mouse skin tissue, HepG2 cells
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, rat, mouse	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Xiao	31664930	BMC Cancer	WB
Shuoshuo Jin	36330393	Ann Transl Med	IF
Jufang Jia	36362328	Int J Mol Sci	WB,IF

Storage

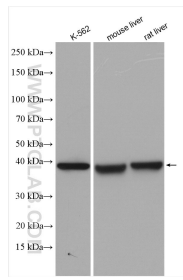
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

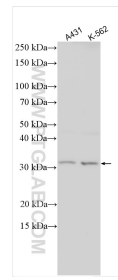
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

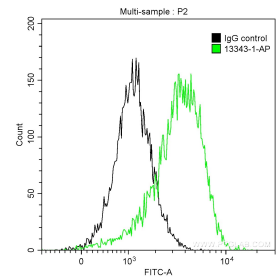
Selected Validation Data



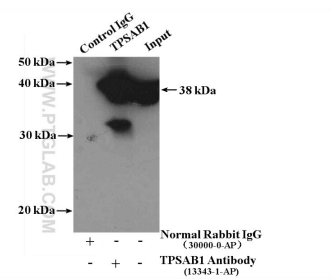
Various lysates were subjected to SDS PAGE followed by western blot with 13343-1-AP (TPSAB1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



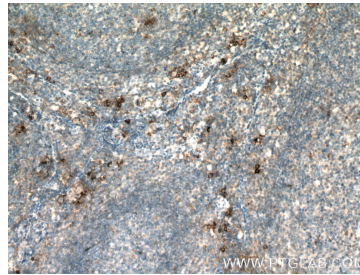
A431 cells were subjected to SDS PAGE followed by western blot with 13343-1-AP (TPSAB1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



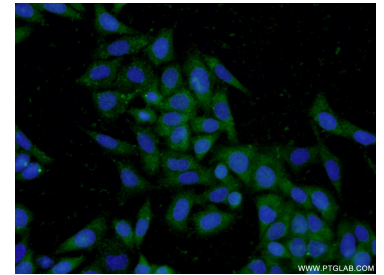
1×10^6 U-937 cells were intracellularly stained with 0.2 ug Anti-Human TPSAB1 (13343-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.



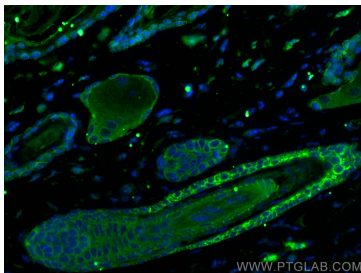
IP Result of anti-TPSAB1 (IP:13343-1-AP, 4ug; Detection:13343-1-AP 1:800) with mouse liver tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13343-1-AP (TPSAB1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 13343-1-AP (TPSAB1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse skin tissue using TPSAB1 antibody (13343-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).