

For Research Use Only

TPSAB1 Polyclonal antibody

Catalog Number: 13343-1-AP

8 Publications



Basic Information

Catalog Number:

13343-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4167

GenBank Accession Number:

BC028059

GeneID (NCBI):

7177

UNIPROT ID:

Q15661

Full Name:

tryptase alpha/beta 1

Calculated MW:

275 aa, 31 kDa

Observed MW:

32-38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF-P 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IF-P, FC (Intra), IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

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: A431 cells, K-562 cells, mouse liver tissue, rat liver tissue

IP: mouse liver tissue,

IHC: human tonsillitis tissue, human appendix tissue

IF-P: mouse skin tissue,

IF/ICC: HepG2 cells,

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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

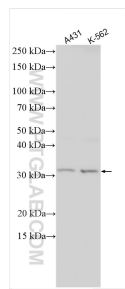
For technical support and original validation data for this product please contact:

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

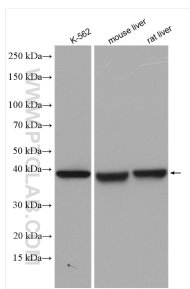
E: proteintech@ptglab.com
W: ptglab.com

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

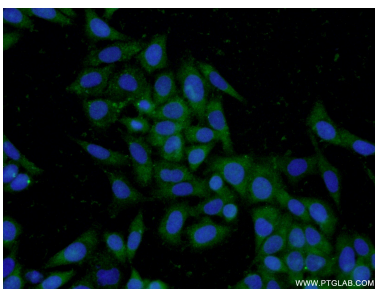
Selected Validation Data



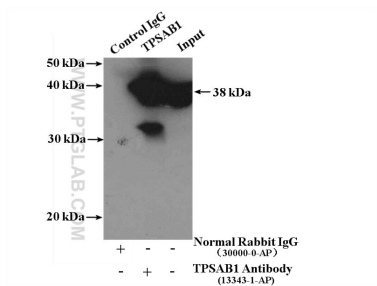
A431 cells were subjected to SDS PAGE followed by western blot with 13343-1-AP (TPSAB1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



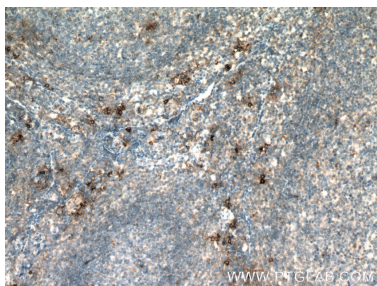
Various lysates were subjected to SDS PAGE followed by western blot with 13343-1-AP (TPSAB1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



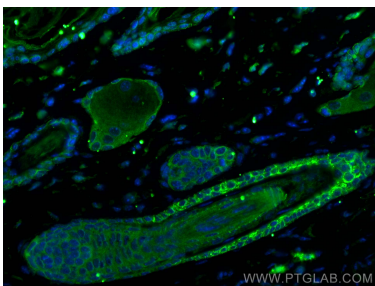
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 13343-1-AP (TPSAB1 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated Goat Anti-Rabbit IgG(H+L).



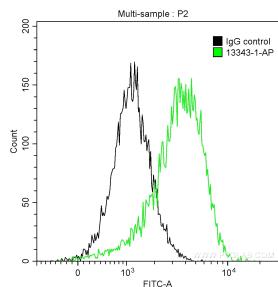
IP result of anti-TPSAB1 (IP:13343-1-AP, 4ug; Detection:13343-1-AP 1:800) with mouse liver tissue lysate 4000ug.



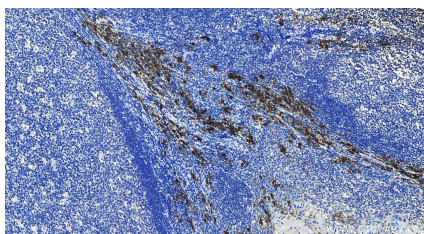
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13343-1-AP (TPSAB1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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



1X10⁶ U-937 cells were intracellularly stained with 0.2 ug Anti-Human TPSAB1 (13343-1-AP) and CoraLite®488-Conjugated 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.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13343-1-AP (TPSAB1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).