

For Research Use Only

ZBTB7A Polyclonal antibody

Catalog Number: 30658-1-AP



Basic Information

Catalog Number: 30658-1-AP	GenBank Accession Number: NM_015898	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 51341	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500 IF/ICC 1:300-1:1200
Source: Rabbit	UNIPROT ID: O95365	
Isotype: IgG	Full Name: zinc finger and BTB domain containing 7A	
Immunogen Catalog Number: AG31077	Calculated MW: 61 kDa	
	Observed MW: 61-70 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : K-562 cells, MCF-7 cells, PC-3 cells, SGC-7901 cells, U2OS cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human lung tissue, IF/ICC : HeLa cells, MCF-7 cells

Background Information

ZBTB7A, also named as LRF, FBI1, FBI-1, pokemon, ZBTB7, ZNF857A and DKFZp5470146, a member of the POK (POZ and Krüppel) family of transcription factors, plays a role in differentiation, oncogenesis, and adipogenesis (PMID: 35798238). ZBTB7A is involved in the instruction of early lymphoid progenitors to develop into B lineage by repressing T-cell instructive Notch signals. ZBTB7A is widely expressed in normal thymus and it is aberrantly overexpressed in human cancers (PMID: 28942243). ZBTB7A has 10 potential sumoylation sites located at lysine 61, 354, 371, 379, 383, 396, 486, 487, 536 and 539 (PMID: 20471975, 19471103). ZBTB7A has a predicted molecular weight of 61 kDa.

Storage

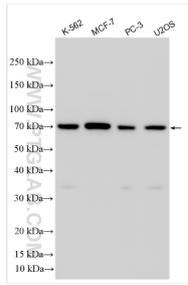
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

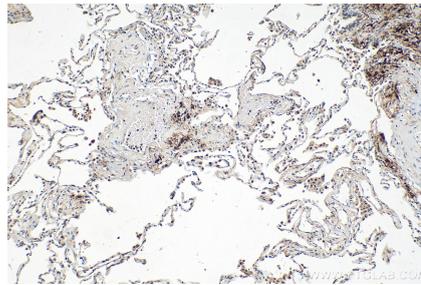
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

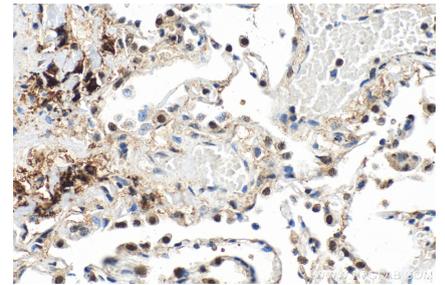
Selected Validation Data



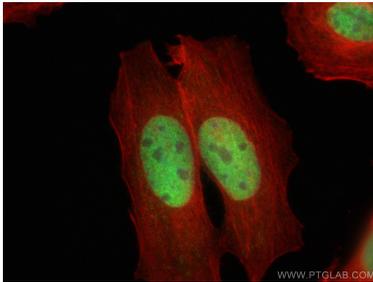
Various lysates were subjected to SDS PAGE followed by western blot with 30658-1-AP (ZBTB7A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



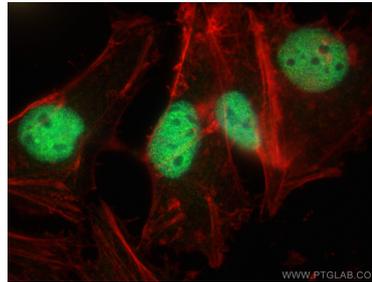
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 30658-1-AP (ZBTB7A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 30658-1-AP (ZBTB7A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using ZBTB7A antibody (30658-1-AP) at dilution of 1:400 and Multi-rAb CoralLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ZBTB7A antibody (30658-1-AP) at dilution of 1:600 and Multi-rAb CoralLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).