

For Research Use Only

ZBTB7A Polyclonal antibody, PBS Only

Catalog Number:30658-1-PBS



Basic Information

Catalog Number:

30658-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31077

GenBank Accession Number:

NM_015898

GeneID (NCBI):

51341

UNIPROT ID:

O95365

Full Name:

zinc finger and BTB domain containing 7A

Calculated MW:

61 kDa

Observed MW:

61-70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

ZBTB7A, also named as LRF, FBI 1, 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 -80°C.

Storage Buffer:

PBS only, pH7.3

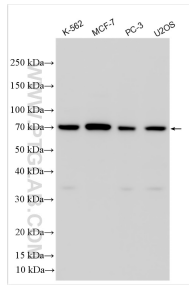
For technical support and original validation data for this product please contact:

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

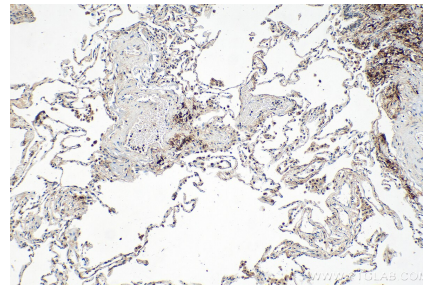
E: proteintech@ptglab.com
W: ptglab.com

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

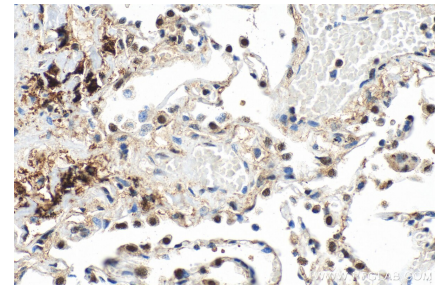
Selected Validation Data



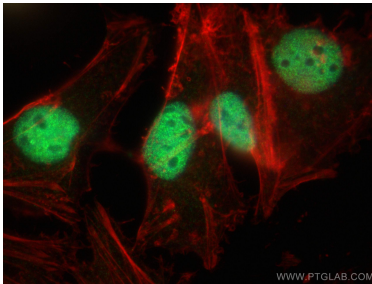
Various lysates were subjected to SDS PAGE followed by western blot with 30658-1-AP (ZBTB7A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30658-1-PBS in a different storage buffer formulation.



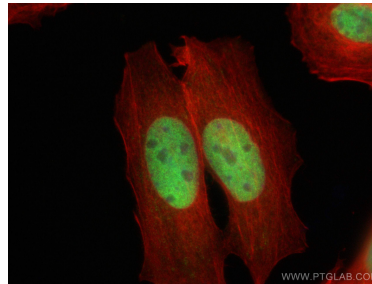
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 30658-1-AP (ZBTB7A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30658-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30658-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30658-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30658-1-PBS in a different storage buffer formulation.