

For Research Use Only

ZnT7 Polyclonal antibody

Catalog Number: 13966-1-AP **7 Publications**



Basic Information

Catalog Number: 13966-1-AP	GenBank Accession Number: BC064692	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 148867	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	Full Name: solute carrier family 30 (zinc transporter), member 7	
Isotype: IgG	Calculated MW: 42 kDa	
Immunogen Catalog Number: AG4957	Observed MW: 42 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : C2C12 cells, HEK-293 cells, NCI-H1299 cells IHC : human lung cancer tissue, IF : A431 cells,
Cited Applications: IF, IHC, WB	
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	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Masayuki Kaneko	25284286	J Neurosci Res	WB, IF
Qian Sun	25767260	Am J Physiol Gastrointest Liver Physiol	WB
Surapun Tepasorndech	28469980	FEBS Open Bio	WB

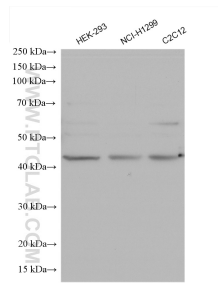
Storage

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

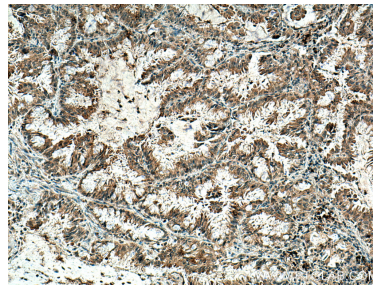
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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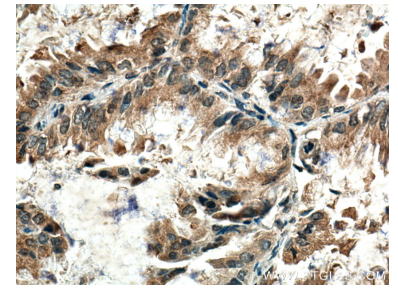
Selected Validation Data



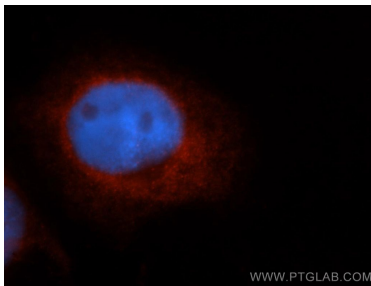
Various lysates were subjected to SDS PAGE followed by western blot with 13966-1-AP (ZnT7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 13966-1-AP (ZnT7 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 cancer tissue slide using 13966-1-AP (ZnT7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of A431 cells, using SLC30A7 antibody 13966-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).