

For Research Use Only

LIV-1/ZIP6 Polyclonal antibody

Catalog Number: 14236-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 14236-1-AP	GenBank Accession Number: BC039498	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 25800	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: solute carrier family 39 (zinc transporter), member 6	
Isotype: IgG	Calculated MW: 85 kDa	
Immunogen Catalog Number: AG5478	Observed MW: 85-100 kDa, 48 and 32 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, MCF-7 cells, A549 cells, 4T1 cells
Cited Applications: IF, IHC, WB	IHC : human pancreas cancer tissue,
Species Specificity: human, mouse, rat	
Cited Species: human, zebrafish	

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

The zinc transporter LIV-1 (also known as SLC39A6 or ZIP6) was originally identified as an estrogen-induced gene in breast cancer cells. Elevated LIV-1 expression is reportedly related to cancer progression in various types of cancer, including breast, prostate, pancreatic, cervical and liver cancers. While correlation of LIV-1 and prognosis may vary. LIV 1 has 3 isoforms with MW of 85-100 (glycosylation and phosphorylation), 48 and 32 kDa while migrates as different bands in different lysates in SDS-PAGE.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Bin Cui	26444413	J Transl Med	WB, IHC
Lei Zhao	30851936	Biochem Biophys Res Commun	WB
Wu Chen C	23644492	Nat Genet	WB,IHC

Storage

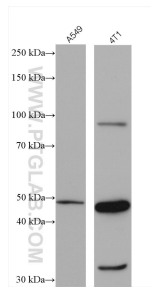
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

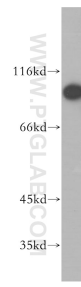
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

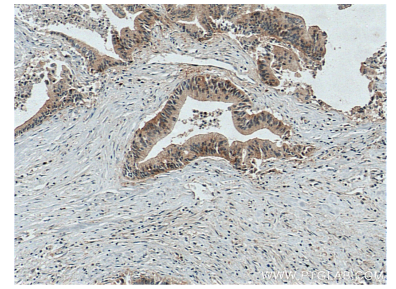
Selected Validation Data



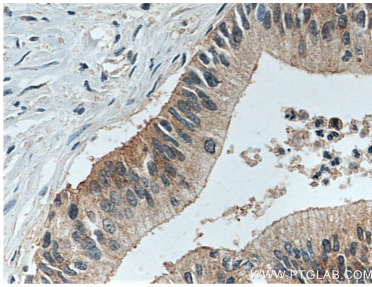
Various lysates were subjected to SDS PAGE followed by western blot with 14236-1-AP (LIV-1/ZIP6 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



HeLa cells were subjected to SDS PAGE followed by western blot with 14236-1-AP (LIV-1/ZIP6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 14236-1-AP (LIV-1/ZIP6 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 pancreas cancer tissue slide using 14236-1-AP (LIV-1/ZIP6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).