

For Research Use Only

LIV-1/ZIP6 Polyclonal antibody

Catalog Number: 14236-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

14236-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5478

GenBank Accession Number:

BC039498

GeneID (NCBI):

25800

UNIPROT ID:

Q13433

Full Name:

solute carrier family 39 (zinc transporter), member 6

Calculated MW:

85 kDa

Observed MW:

85-100 kDa, 48 and 32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, zebrafish

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 : HeLa cells, MCF-7 cells, A549 cells, 4T1 cells

IHC : human pancreas cancer tissue,

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

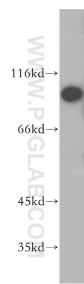
For technical support and original validation data for this product please contact:

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

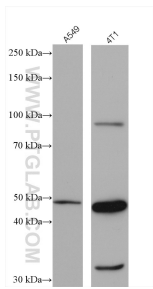
E: proteintech@ptglab.com
W: ptglab.com

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

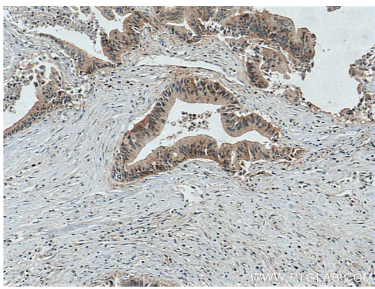
Selected Validation Data



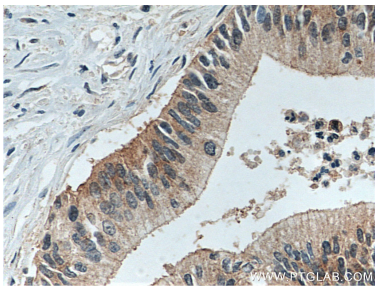
HeLa cells were subjected to SDS PAGE followed by western blot with 14236-1-AP (LIV-1/ZIP6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.



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).