

For Research Use Only

THTPA Polyclonal antibody

Catalog Number: 15486-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

15486-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7834

GenBank Accession Number:

BC002984

GeneID (NCBI):

79178

UNIPROT ID:

Q9BU02

Full Name:

thiamine triphosphatase

Calculated MW:

26 kDa

Observed MW:

26-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

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: K-562 cells, A431 cells, HeLa cells, human brain tissue, mouse testis tissue, mouse uterus tissue, PC-3 cells

IP: K-562 cells,

IHC: human stomach cancer tissue,

IF/ICC: HepG2 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Shuqian Liu	24454921	PLoS One	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

*** 20ul sizes contain 0.1% BSA

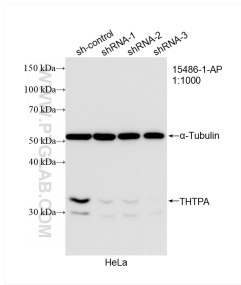
For technical support and original validation data for this product please contact:

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.

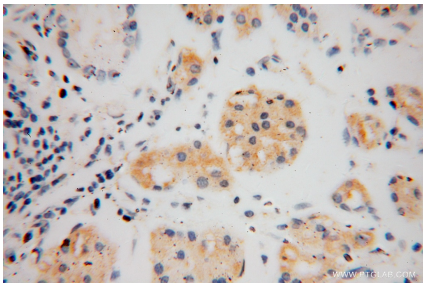
Selected Validation Data



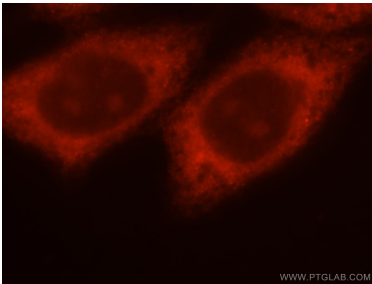
WB result of THTPA antibody (15486-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-THTPA transfected HeLa cells.



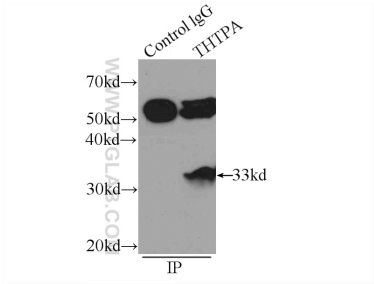
K-562 cells were subjected to SDS PAGE followed by western blot with 15486-1-AP (THTPA antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer using 15486-1-AP (THTPA antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using THTPA antibody 15486-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-THTPA (IP:15486-1-AP, 3ug; Detection:15486-1-AP 1:800) with K-562 cells lysate 1720ug.