

For Research Use Only

TRIP4 Polyclonal antibody

Catalog Number: 12324-1-AP **1 Publications**



Basic Information

Catalog Number: 12324-1-AP	GenBank Accession Number: BC012448	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 9325	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: thyroid hormone receptor interactor 4	
Isotype: IgG	Calculated MW: 581 aa, 66 kDa	
Immunogen Catalog Number: AG2987	Observed MW: 60-65 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HL-60 cells, COLO 320 cells, HeLa cells IHC : human liver cancer tissue,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	
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

Thyroid hormone receptor interactor 4 (TRIP4), other named ASC1, is a transcriptional coactivator that promote transcriptional efficiencies. It harbors an autonomous transactivation domain that contains a putative zinc finger motif, which serves as a binding site for nuclear receptors for thyroid, estrogen, all-trans-retinoic acid and RXR by interaction with SRC-1 or CBP/p300. There are two forms of ASC1 have been detected in mRNA level, isoform1(581aa, ~65kd) and isoform2(539aa, ~60kd)(12077347,12390891)

Notable Publications

Author	Pubmed ID	Journal	Application
Min Ni	33473208	Genet Med	WB

Storage

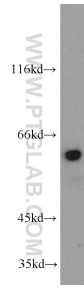
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

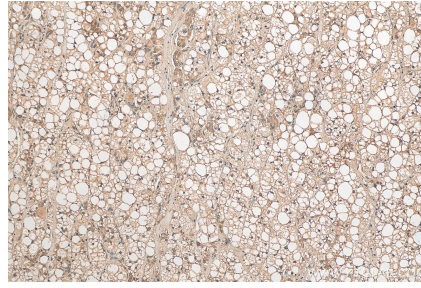
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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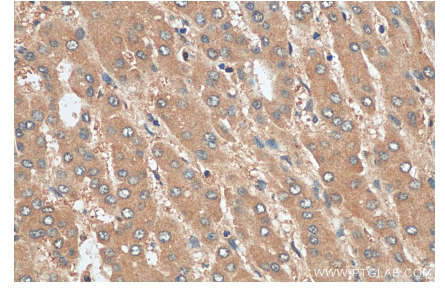
Selected Validation Data



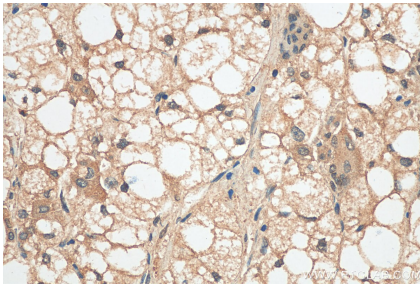
HL-60 cells were subjected to SDS PAGE followed by western blot with 12324-1-AP (TRIP4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



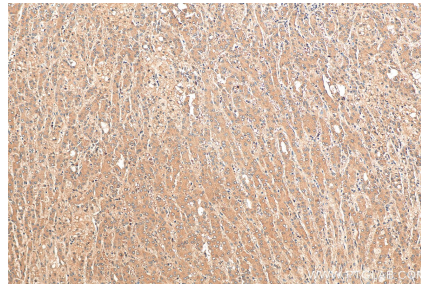
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12324-1-AP (TRIP4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12324-1-AP (TRIP4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12324-1-AP (TRIP4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12324-1-AP (TRIP4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).