

For Research Use Only

TGM2 Polyclonal antibody

Catalog Number: 15100-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number: 15100-1-AP	GenBank Accession Number: BC003551	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7052	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 77 kDa	
Immunogen Catalog Number: AG7439	Observed MW: 77-80 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB : C2C12 cells, HepG2 cells, HUVEC cells, HeLa cells, SGC-7901 cells
Species Specificity: human, mouse, rat	IP : HeLa cells,
Cited Species: human, mouse, rat	IHC : human liver cancer tissue,
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
Yaqian Chen	32441391	Cell Prolif	WB
Di Ye	34006301	J Exp Clin Cancer Res	WB
Katsutaka Mitachi	33753854	Sci Rep	IHC

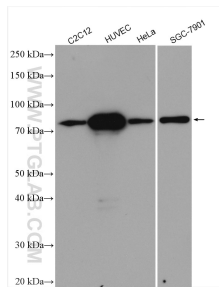
Storage

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

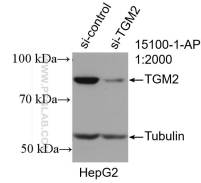
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

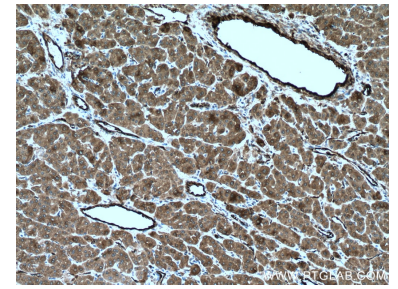
Selected Validation Data



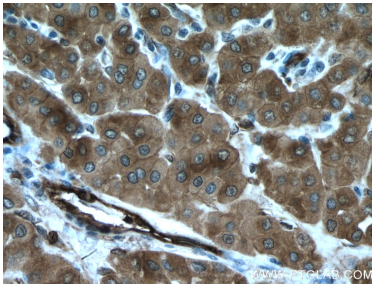
Various lysates were subjected to SDS PAGE followed by western blot with 15100-1-AP (TGM2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



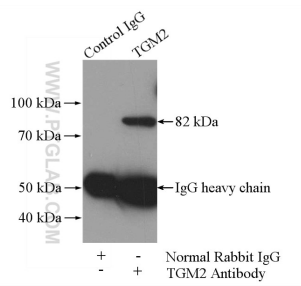
WB result of TGM2 antibody (15100-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TGM2 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15100-1-AP (TGM2 antibody) at dilution of 1:2000 (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 15100-1-AP (TGM2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-TGM2 (IP:15100-1-AP, 4ug; Detection:15100-1-AP 1:400) with HeLa cells lysate 1200ug.