

For Research Use Only

# TNIP2 Polyclonal antibody

Catalog Number: 15459-1-AP **5 Publications**



## Basic Information

<b>Catalog Number:</b> 15459-1-AP	<b>GenBank Accession Number:</b> BC002740	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 200 µg/ml	<b>GeneID (NCBI):</b> 79155	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NFZ5	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG	<b>Full Name:</b> TNFAIP3 interacting protein 2	IHC 1:20-1:200
<b>Immunogen Catalog Number:</b> AG7731	<b>Calculated MW:</b> 49 kDa	IF 1:10-1:100
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, mouse liver tissue
<b>Cited Applications:</b> WB, IF	IP : HepG2 cells,
<b>Species Specificity:</b> human, mouse, rat	IHC : human liver tissue,
<b>Cited Species:</b> human, rat, mouse, pig	IF : HepG2 cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

TNIP2, also named as ABIN2 and FLIP1, inhibits NF-kappa-B activation by blocking the interaction of RIPK1 with its downstream effector NEMO/IKBKG. It acts as transcriptional coactivator when translocated to the nucleus. TNIP2 has some isoforms with MW 49 kDa and 37 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Keshan Zhang	33361430	J Virol	WB
Kate Senger	28420753	Sci Signal	WB
Xinxin Qian	37904691	Immun Inflamm Dis	WB

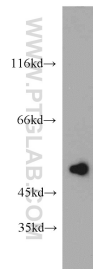
## Storage

**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

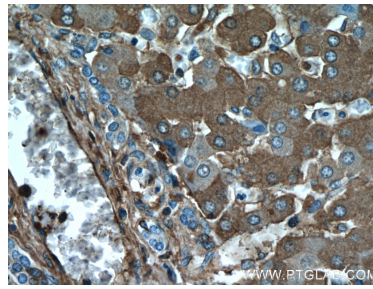
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

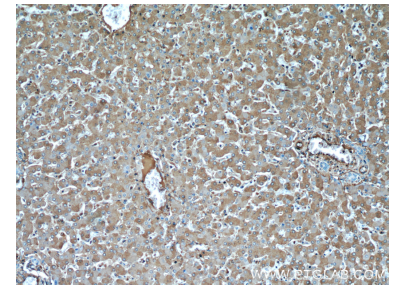
## Selected Validation Data



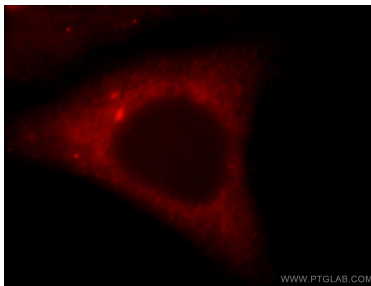
HepG2 cells were subjected to SDS PAGE followed by western blot with 15459-1-AP (TNIP2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



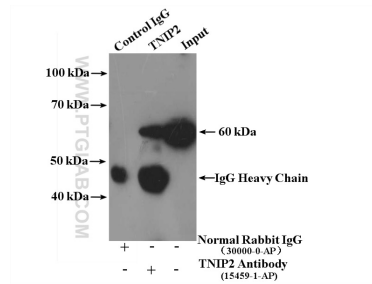
Immunohistochemical analysis of paraffin-embedded human liver using 15459-1-AP (TNIP2 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 15459-1-AP (TNIP2 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of HepG2 cells, using TNIP2 antibody 15459-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-TNIP2 (IP:15459-1-AP, 4ug; Detection:15459-1-AP 1:500) with HepG2 cells lysate 3000ug.