

For Research Use Only

# TAB2 Polyclonal antibody

Catalog Number: 14410-1-AP

Featured Product

17 Publications



## Basic Information

**Catalog Number:**

14410-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG5742

**GenBank Accession Number:**

BC035910

**GeneID (NCBI):**

23118

**UNIPROT ID:**

Q9NYJ8

**Full Name:**

mitogen-activated protein kinase  
kinase kinase 7 interacting protein 2

**Calculated MW:**

76 kDa

**Observed MW:**

77 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

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

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, IHC, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse, rat

**Positive Controls:**

**WB:** L02 cells, C6 cells, human liver tissue, HepG2  
cells, mouse liver tissue, rat liver tissue, Raji cells

**IP:** HepG2 cells,

**IHC:** human malignant melanoma tissue,

**IF/ICC:** HepG2 cells,

**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

Tab2 has a role in the inflammatory signal transduction pathway and is involved in the reversal of NCoR-dependent and NFkB- or APP-mediated gene repression and androgen antagonist response. Besides, it is identified as a cofactor for ERBB4 to assemble NCoR corepressor complex in response to neuregulin [PMID:16469706]. It also functions as an adaptor that links TAK1 and TRAF6 in response to interleukin-1β (IL-1β) or tumour necrosis factor-α (TNF-α), and thereby mediates TAK1 activation [PMID:11460167].

## Notable Publications

Author	Pubmed ID	Journal	Application
Chunjie Sheng	30348973	Nat Commun	WB
Yanghao Chen	36420902	Phytother Res	WB
Bo Yang	33985523	J Neuroinflammation	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:

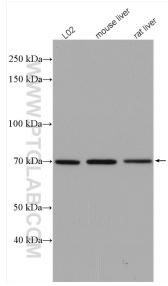
T: 4006900926

E: Proteintech-CN@ptglab.com

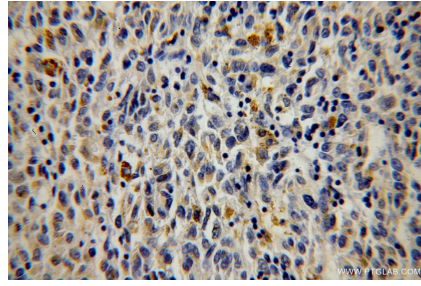
W: ptgcn.com

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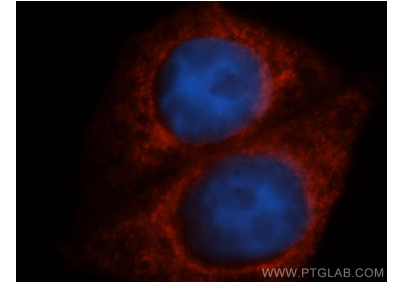
## Selected Validation Data



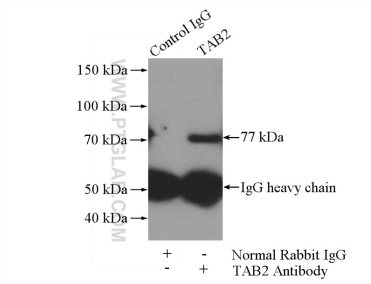
Various lysates were subjected to SDS PAGE followed by western blot with 14410-1-AP (TAB2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma using 14410-1-AP (TAB2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using MAP3K7IP2 antibody 14410-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP result of anti-TAB2 (IP:14410-1-AP, 4ug; Detection:14410-1-AP 1:600) with HepG2 cells lysate 3600ug.