

For Research Use Only

TAB2 Polyclonal antibody

Catalog Number: 14410-1-AP

Featured Product

20 Publications



Basic Information

Catalog Number:

14410-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

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 ug 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, pig

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 : 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,

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-1 β (IL-1 β) 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

*** 20ul sizes contain 0.1% BSA

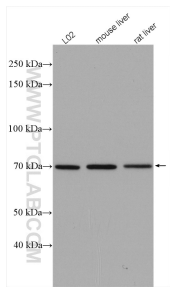
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

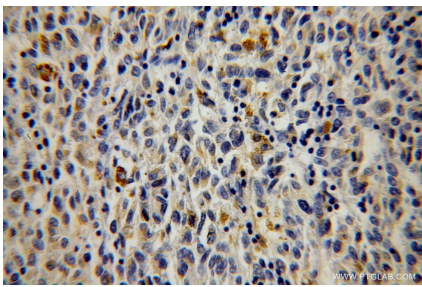
E: proteintech@ptglab.com
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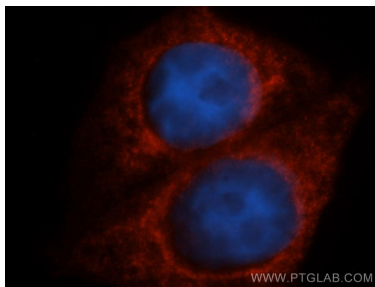
Selected Validation Data



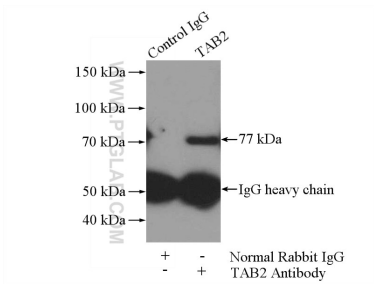
Various lysates were subjected to SDS PAGE followed by western blot with 14410-1-AP (TAB2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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.