

TAB2 Polyclonal Antibody

Catalog number: 14410-1-AP

Size: 32 µg/150 µl

Source: Rabbit

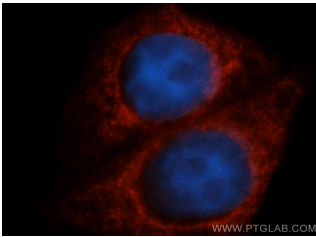
Isotype: IgG

Synonyms:

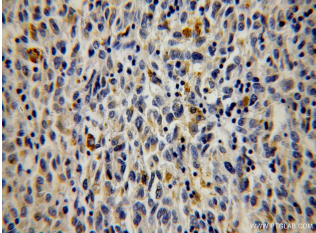
MAP3K7IP2; FLJ21885,

KIAA0733, MAP3K7IP2, TAB 2,

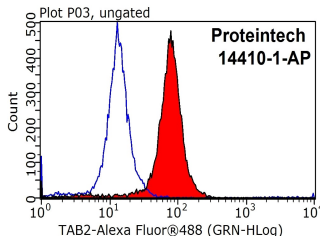
TAB2, TAK1 binding protein 2



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).



Immunohistochemical of paraffin-embedded human malignant melanoma using 14410-1-AP (MAP3K7IP2 antibody) at dilution of 1:100 (under 40x lens)



1X10⁶ HepG2 cells were stained with 0.2µg MAP3K7IP2 antibody (14410-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.

Background

Tab2 has a role in the inflammatory signal transduction pathway and is involved in the reversal of NCoR-dependent and NFκB- 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].

Applications

Tested applications:	ELISA, IHC, IF, WB, FC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated TAB2 MW:	76 kDa
Observed TAB2 MW:	77 kDa
Positive WB detected in	HepG2 cells, human liver tissue, L02 cells
Positive IP detected in	HepG2 cells
Positive IHC detected in	Human malignant melanoma tissue
Positive IF detected in	HepG2 cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:20-1:200
	FC: N/A

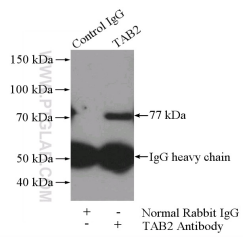
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

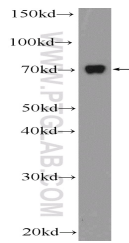
Immunogen:	Ag5742
GenBank accession number:	BC035910
Gene ID (NCBI):	23118
Full name:	Mitogen-activated protein kinase kinase 7 interacting protein 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



**IP Result of anti-MAP3K7IP2
(IP:14410-1-AP, 4ug;
Detection:14410-1-AP 1:600)
with HepG2 cells lysate
3600ug.**



**HepG2 cells were subjected to
SDS PAGE followed by
western blot with 14410-1-
AP (MAP3K7IP2 Antibody) at
dilution of 1:600**