À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TAP1

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:11114-1-AP Phare 22 Publications

Informations de base

Numéro de catalogue:
11114-1-AP

Taille:
150ul , Concentration: 700 μg/ml by Nanodrop and 387 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1619

Numéro d'acquisition GenBank:
BC014081

Identification du gène (NCBI):
6890

Nom complet:
transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)

MW calculé
81 kDa

MW observés:
70-81 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:6000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:20-1:200

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, RIP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HCT 116, cellules HeLa, cellules HepG2, cellules SW480, tissu de muscle squelettique de souris, tissu splénique de souris

IP : cellules HepG2,

IHC : tissu de cancer du pancréas humain,

IF : cellules HepG2,

Informations générales

TAP1, also known as ABCB2, PSF1 or RING4, is a member of the ATP-binding cassette (ABC) family of transmembrane transporters and is an essential component of the major histocompatability complex (MHC) class I antigen-presenting pathway. TAP is involved in the transport of antigens from the cytoplasm to the endoplasmic reticulum for association with MHC class I molecules. It also acts as a molecular scaffold for the final stage of MHC class I folding. Defects in TAP1 are a cause of bare lymphocyte syndrome type 1 (BLS1). Western blot analysis using this antibody detected a major band around 70-80 kDa in HeLa cells.

Publications notables

Autrice	Pubmed ID	Journal	Application
Nima Attaran	36276482	Oncol Lett	IHC
Yan Li	36452477	Clin Transl Immunology	WB
Zhen-Da Wang	36419887	Front Oncol	WB,IHC

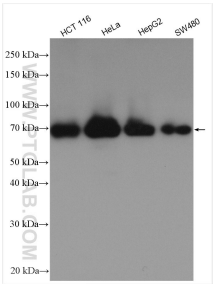
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

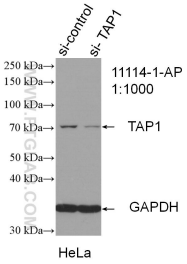
*** Les 20ul contiennent 0,1% de BSA.

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
W: ptglab.com

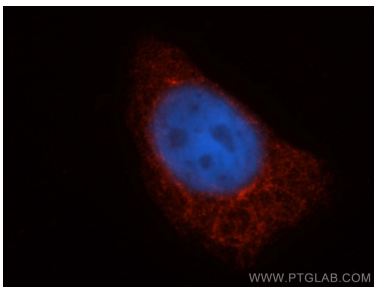
Données de validation sélectionnées



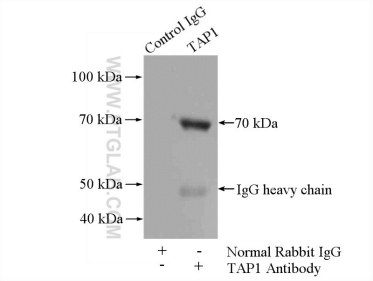
Various lysates were subjected to SDS PAGE followed by western blot with 11114-1-AP (TAP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



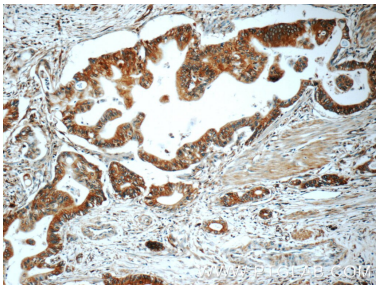
WB result of TAP1 antibody (11114-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TAP1 transfected HeLa cells.



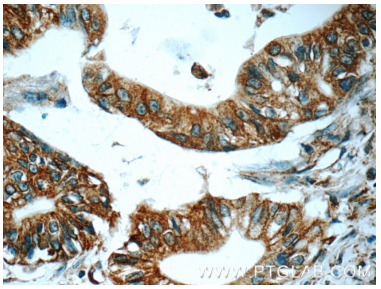
Immunofluorescent analysis of HepG2 cells, using TAP1 antibody 11114-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



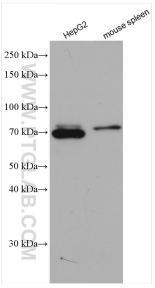
IP Result of anti-TAP1 (IP:11114-1-AP, 4ug; Detection:11114-1-AP 1:500) with HepG2 cells lysate 2400ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11114-1-AP (TAP1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11114-1-AP (TAP1 Antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 11114-1-AP (TAP1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.