

À des fins de recherche uniquement

# Anticorps Monoclonal anti-TRAP1

Numéro de catalogue: 67693-1-Ig Phare



## Informations de base

<b>Numéro de catalogue:</b> 67693-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC000406	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 10131	<b>CloneNo.:</b> 1H5D4
<b>Hôte:</b> Mouse	<b>Nom complet:</b> TNF receptor-associated protein 1	<b>Dilutions recommandées:</b> WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Isotype:</b> IgG1	<b>MW calculé</b> 80 kDa	<b>IHC 1:250-1:1000</b> <b>IF 1:200-1:800</b>
<b>Immunogen Catalog Number:</b> AG0400	<b>MW observés:</b> 70-75 kDa	

## Applications

<b>Applications testées:</b> IF, IHC, IP, WB, ELISA	<b>Contrôles positifs:</b>
<b>Spécificité de l'espèce:</b> Humain	<b>WB :</b> cellules LNCaP, cellules HEK-293, cellules HeLa, cellules Jurkat, cellules K-562
<b>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.</b>	<b>IP :</b> cellules K-562, <b>IHC :</b> tissu cérébral de souris, <b>IF :</b> cellules HeLa,

## Informations générales

TNF receptor-associated protein 1 (TRAP1, synonym: HSP75) is a member of the HSP90 family of molecular chaperones, and is expressed ubiquitously and located to mitochondria. A unique LxCxE motif in HSP75, but not in other HSP90 family members, appears to be important for binding to the simian virus 40 T-antigen-binding domain of hypophosphorylated Rb. Data also suggests that suppression of the expression of TRAP1 in mitochondria plays an important role in the induction of apoptosis caused via formation of reactive oxygen species (ROS).

## Stockage

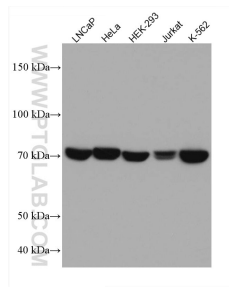
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

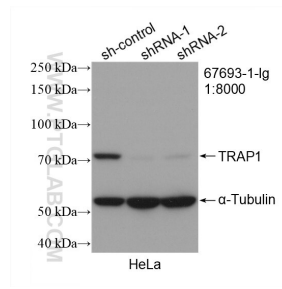
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

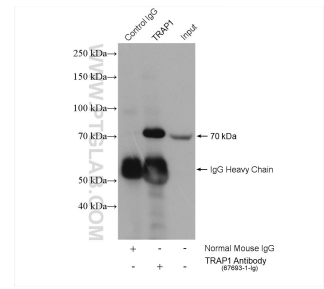
## Données de validation sélectionnées



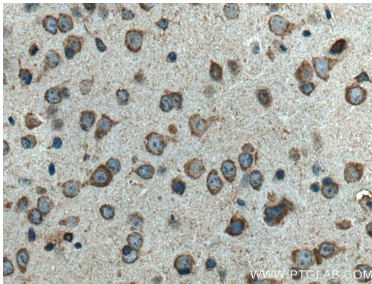
Various lysates were subjected to SDS PAGE followed by western blot with 67693-1-Ig (TRAP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



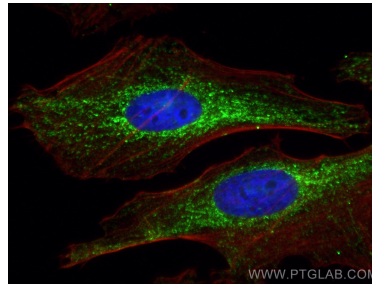
WB result of TRAP1 antibody (67693-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TRAP1 transfected HeLa cells.



IP result of anti-TRAP1 (IP:67693-1-Ig, 5ug; Detection:67693-1-Ig 1:1000) with K-562 cells lysate 1760 ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67693-1-Ig (TRAP1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TRAP1 antibody (67693-1-Ig, Clone: 1H5D4 ) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).