

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-HERP



Numéro de catalogue: 10813-1-AP

Phare

8 Publications

## Informations de base

Numéro de catalogue:

10813-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1084

Numéro d'acquisition GenBank:

BC008320

Identification du gène (NCBI):

9709

Nom complet:

homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1

MW calculé

44 kDa

MW observés:

54 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:20-1:200

## Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

**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 BxPC-3, cellules HeLa, cellules HepG2 traitées à la tunicamycine, cellules LNCaP, cellules U2OS

IHC : tissu de cancer du poumon humain,

## Informations générales

Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein (HERPUD1), also called HERP or MIF1, is component of the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins. HERP is strongly induced by ER stress but rapidly degraded by proteasome. HERP interacts with members of the ubiquitin family, which function as a shuttle factor to deliver ubiquitinated substrates to the proteasome for degradation. HERP is present in activated microglia in senile plaques in the brain of patients with Alzheimer disease, and there is evidence suggesting HERP increase nigro-striatal dopaminergic activity and is able to improve symptoms in patients with Parkinson's disease, levodopa-related dyskinesias and Tardive dyskinesia. MW of HERP is 54 kDa (PMID: 23620059).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Chengdong Liu	33110233	Oncogene	WB
Meir Ofir O	20209087	PLoS One	IHC
Zhuo Jia-Min JM	20164556	J Alzheimers Dis	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote 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.

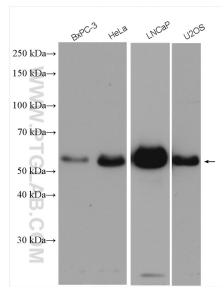
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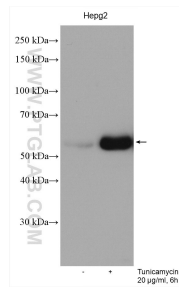
E: proteintech@ptglab.com  
W: ptglab.com

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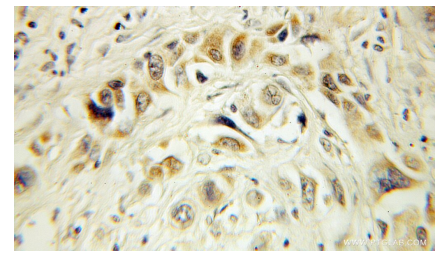
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 10813-1-AP (HERP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Tunicamycin treated HepG2 cells were subjected to SDS PAGE followed by western blot with 10813-1-AP (HERP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 10813-1-AP (HERP antibody) at dilution of 1:100 (under 10x lens).