

Nur für Forschungszwecke

HERP Polyklonaler Antikörper

Katalog-Nr.:10813-1-AP

Vorgestelltes Produkt

7 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10813-1-AP

Größe:
150ul , Konzentration: 600 µg/ml von
Nanodrop und 133 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1084

GenBank-Zugangsnummer:
BC008320

GeneID (NCBI):
9709

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

Berechnete Masse:
44 kDa

Beobachtete Masse:
54 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IHC, WB,ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

**Hinweis-IHC: Antigenmaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigenmaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : BxPC-3-Zellen, HeLa-Zellen, LNCaP-Zellen, mit
Tunicamycin behandelte HepG2-Zellen, U2OS-Zellen

IHC : humanes Lungenkarzinomgewebe,

Hintergrundinformationen

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 ubiquilin 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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

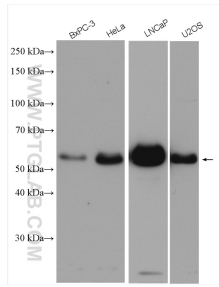
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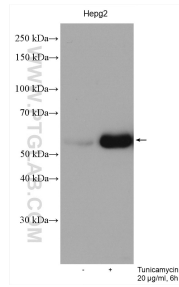
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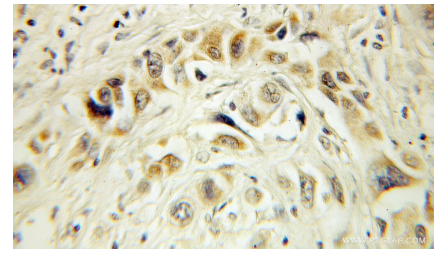
Ausgewählte Validierungsdaten



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).