

For Research Use Only

HERPUD2 Polyclonal antibody

Catalog Number: 20640-1-AP

1 Publications



Basic Information

Catalog Number: 20640-1-AP	GenBank Accession Number: BC005091	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64224	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9BSE4	IHC 1:20-1:200
Isotype: IgG	Full Name: HERPUD family member 2	IF/ICC 1:10-1:100
Immunogen Catalog Number: AG14702	Calculated MW: 406 aa, 45 kDa	
	Observed MW: 35-45 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : A549 cells,
Species Specificity: human	IHC : human kidney tissue,
Cited Species: human	IF/ICC : HepG2 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

HERPUD2, also named as Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 2 protein, is a 406 amino acid protein, which contains one ubiquitin-like domain. HERPUD2 as a single-pass membrane protein could be involved in the unfolded protein response (UPR) pathway. HERPUD2 may exist as two isoforms 406aa, 45 kDa and 297aa 33 kDa (Genebank: EAW94050).

Notable Publications

Author	Pubmed ID	Journal	Application
Chiara Riganti	25681670	Cancer Lett	WB

Storage

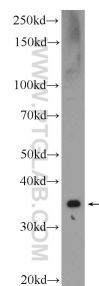
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

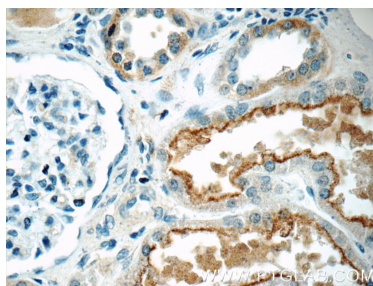
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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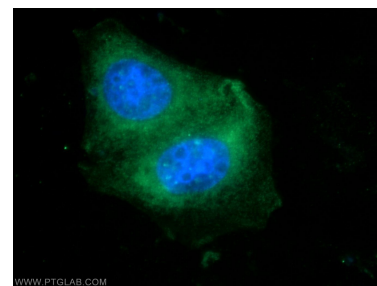
Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 20640-1-AP (HERPUD2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 20640-1-AP (HERPUD2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 20640-1-AP (HERPUD2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).