

For Research Use Only

UHRF1 Recombinant antibody, PBS Only

Catalog Number: 84489-4-PBS

Featured Product



Basic Information

Catalog Number: 84489-4-PBS	GenBank Accession Number: BC113875	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29128	CloneNo.: 241872B12
Source: Rabbit	UNIPROT ID: Q96T88	
Isotype: IgG	Full Name: ubiquitin-like with PHD and ring finger domains 1	
Immunogen Catalog Number: AG17498	Calculated MW: 806 aa, 91 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:
WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human

Background Information

UHRF1, also named as ICBP90, NP95 and RNF106, is a putative E3 ubiquitin-protein ligase. It may participate in methylation-dependent transcriptional regulation. UHRF1 binds to inverted 5'-CCAAT-3' box 2 in the TOP2A promoter, and activates TOP2A expression. It is important for G1/S transition and may be involved in DNA repair and chromosomal stability. UHRF1's ability to repress its direct target gene expression is dependent on PHD(UHRF1) binding to unmodified H3R2. In addition, UHRF1 is a novel metabolic guardian restricting AMPK activity(PMID: 34907338).

Storage

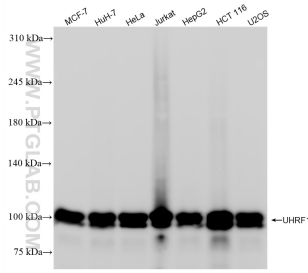
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

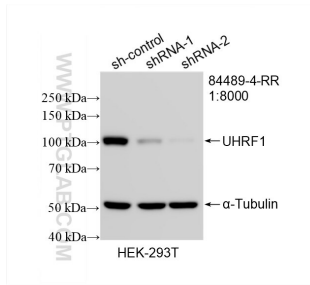
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

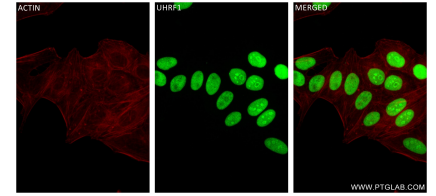
Selected Validation Data



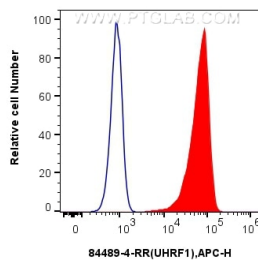
Various lysates were subjected to SDS PAGE followed by western blot with 84489-4-RR (UHRF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84489-4-PBS in a different storage buffer formulation.



WB result of UHRF1 antibody (84489-4-RR; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-UHRF1 transfected HEK-293T cells. This data was developed using the same antibody clone with 84489-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using UHRF1 antibody (84489-4-RR, Clone: 241872B12) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84489-4-PBS in a different storage buffer formulation.



1×10^6 U2OS cells were intracellularly stained with 0.25 ug UHRF1 Recombinant antibody (84489-4-RR, Clone:241872B12) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 84489-4-PBS in a different storage buffer formulation.