

For Research Use Only

UHRF1 Recombinant antibody

Catalog Number: 84489-4-RR

Featured Product



Basic Information

Catalog Number:

84489-4-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17498

GenBank Accession Number:

BC113875

GeneID (NCBI):

29128

UNIPROT ID:

Q96T88

Full Name:

ubiquitin-like with PHD and ring finger domains 1

Calculated MW:

806 aa, 91 kDa

Observed MW:

100 kDa

Purification Method:

Protein A purification

CloneNo.:

241872B12

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, HEK-293T cells, HuH-7 cells, HeLa cells, Jurkat cells, HepG2 cells, HCT-116 cells, U2OS cells

IF/ICC : HepG2 cells,

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 -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

For technical support and original validation data for this product please contact:

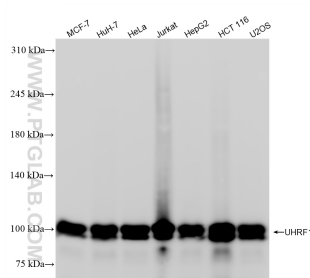
T: 4006900926

E: Proteintech-CN@ptglab.com

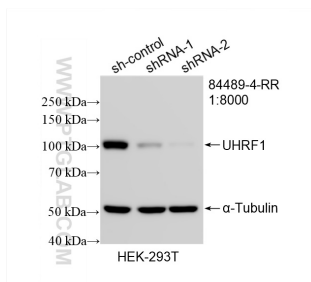
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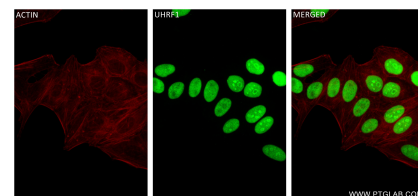
Selected Validation Data



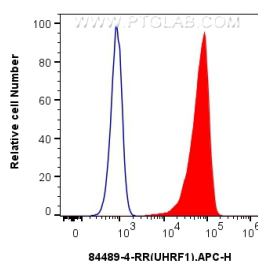
Various lysates were subjected to SDS PAGE followed by western blot with 84489-4-RR (UHRF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.



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).



1x10⁶ 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.