

For Research Use Only

CoraLite® Plus 488-conjugated UHRF1 Recombinant antibody

Catalog Number: CL488-84489-5



Basic Information

Catalog Number: CL488-84489-5	GenBank Accession Number: BC113875	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 29128	CloneNo.: 241872G4
Source: Rabbit	UNIPROT ID: Q96T88	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: ubiquitin-like with PHD and ring finger domains 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG17498	Calculated MW: 806 aa, 91 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
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).

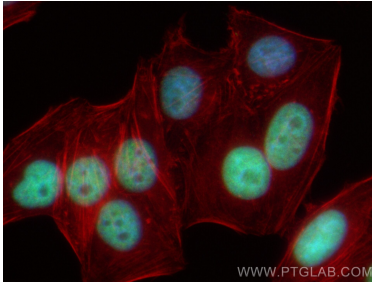
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 UHRF1 antibody (CL488-84489-5, Clone: 241872G4) at dilution of 1:200, CL594-Phalloidin (red).