

## UHRF1BP1 Antibody

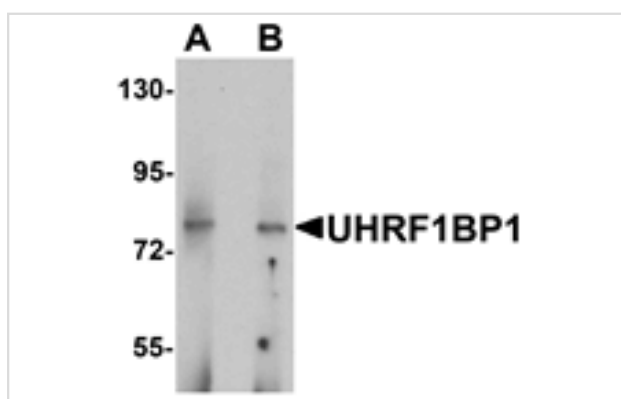
Catalog No: #25348

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## Description

Product Name	UHRF1BP1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA,WB,IHC-P,IF
Species Reactivity	Hu Ms
Specificity	UHRF1BP1 antibody is predicted to not cross-react with UHRF1BP1L
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the center of human UHRF1BP1.
Target Name	UHRF1BP1
Other Names	Ubiquitin-like containing PHD and RING finger domains 1-binding protein 1, ICBP90-binding protein 1, UHRF1 binding protein 1
Accession No.	Swiss-Prot:Q6BDS2Gene ID:54887
Uniprot	Q6BDS2
GeneID	54887;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

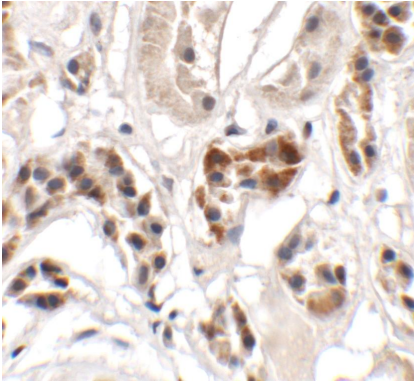
## Images



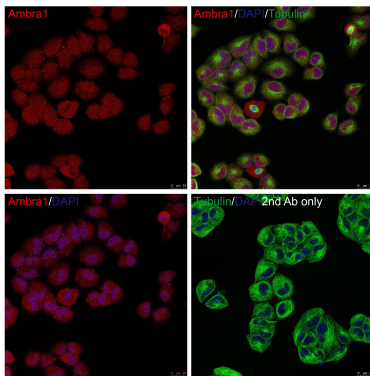
Western blot analysis of UHRF1BP1 in mouse kidney tissue lysate with UHRF1BP1 antibody at (A) 1 and (B) 2 ug/mL.

**KDa**  
 250 -  
 150 - ←  
 100 -  
 70 -  
 50 -  
 40 -

WB Validation in Human MCF -7 Cells  
 Loading: 15 ug of human tissue lysate Antibodies:  
 UHRF1BP1, 2 ug/mL , 1 h incubation at RT in 5%  
 NFDN/TBST.Secondary: Goat Anti-Rabbit IgG HRP conjugate  
 at 1:10000 dilution.Exposure: 1 min



Immunohistochemistry of UHRF1BP1 in human kidney tissue  
 with UHRF1BP1 antibody at 2.5 ug/mL.



Immunofluorescence of UHRF1BP1 in human kidney tissue  
 with UHRF1BP1 antibody at 20 ug/mL.

## Background

The Ubiquitin-like containing PHD and RING finger domains 1-binding protein 1 (UHRF1BP1), also known as ICBP90, is a transcription and cell cycle regulator. It specifically binds to the histone H3 N-terminal tail when methylated on K9 by two functional domains, a PHD finger that defines the binding specificity and an SRA (SET- and RING-associated) domain that promotes binding activity. UHRF1BP1 is required for proper heterochromatin formation in mammalian cells. Furthermore, UHRF1BP1 is thought to be a pivotal target for the ERK1/2 signaling pathway to control the proliferation of Jurkat T cells.

Note: This product is for in vitro research use only