

UHRF1BP1 Antibody

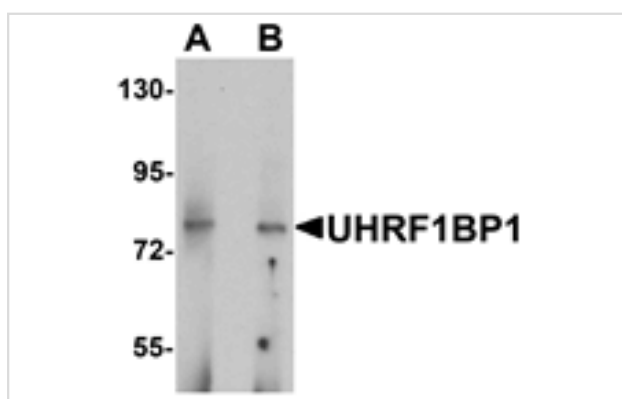
Catalog No: #25348

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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.

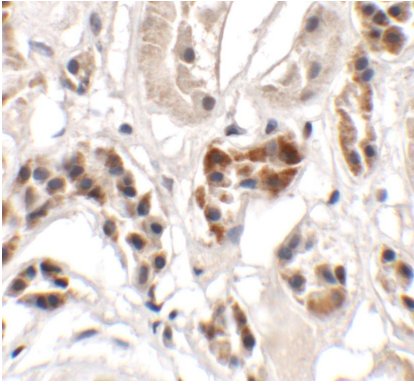
Images



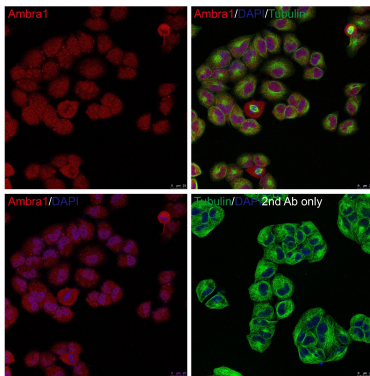
Western blot analysis of UHRF1BP1 in mouse kidney tissue lysate with UHRF1BP1 antibody at (A) 1 and (B) 2 ug/mL.

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