

**UHRF1BP1 Antibody**  
**Catalog # ASC11367****Specification**

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**UHRF1BP1 Antibody - Product Information**

Application	WB, IHC, IF
Primary Accession	<a href="#">Q6BDS2</a>
Other Accession	<a href="#">NP_060224</a> , <a href="#">134152667</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	UHRF1BP1 antibody can be used for detection of UHRF1BP1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

**UHRF1BP1 Antibody - Additional Information**

Gene ID	54887
<b>Target/Specificity</b>	
UHRF1BP1; UHRF1BP1 antibody is predicted to not cross-react with UHRF1BP1L	

**Reconstitution & Storage**

UHRF1BP1 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.

**Precautions**

UHRF1BP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**UHRF1BP1 Antibody - Protein Information**

**Name** BLTP3A ([HGNC:21216](#))

**Synonyms** C6orf107, UHRF1BP1

**Function**

Tube-forming lipid transport protein which probably mediates the transfer of lipids between membranes at organelle contact sites (PubMed:<a href="http://www.uniprot.org/citations/35499567" target="\_blank">35499567</a>). May be involved in the retrograde traffic of vesicle clusters in the endocytic pathway to the Golgi complex (PubMed:<a href="http://www.uniprot.org/citations/35499567" target="\_blank">35499567</a>).

**Cellular Location**

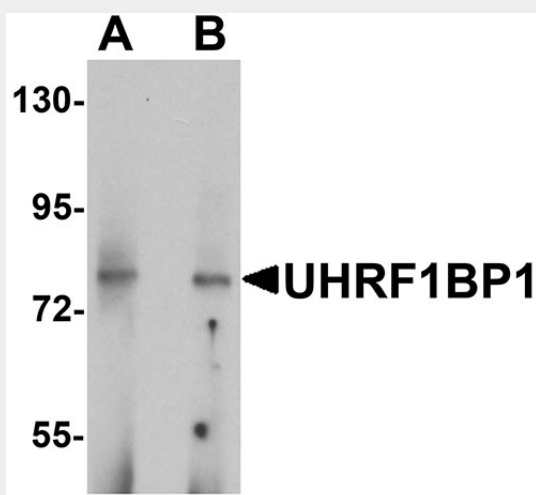
Late endosome.

### UHRF1BP1 Antibody - Protocols

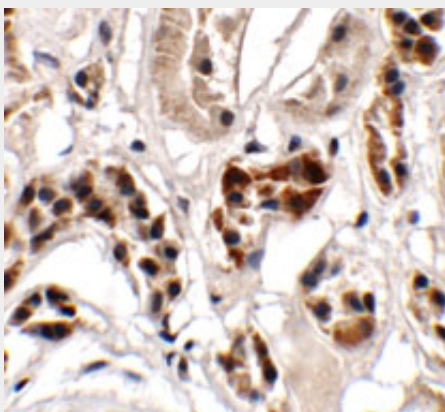
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

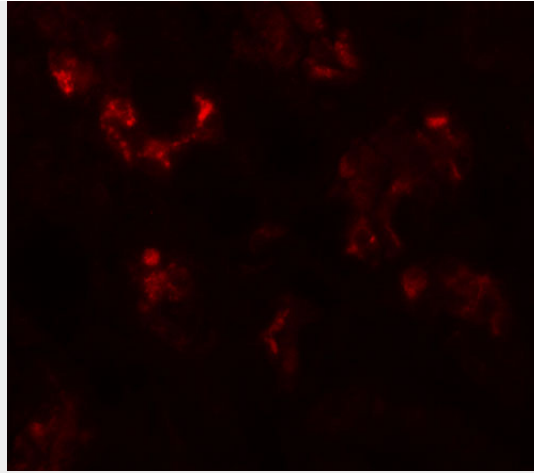
### UHRF1BP1 Antibody - Images



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



Immunohistochemistry of UHRF1BP1 in human kidney tissue with UHRF1BP1 antibody at 2.5  $\mu$ g/mL.



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

#### **UHRF1BP1 Antibody - Background**

**UHRF1BP1 Antibody:** 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.

#### **UHRF1BP1 Antibody - References**

Hopfner R, Mousli M, Jeltsch JM, et al. ICBP90, a novel human CCAAT binding protein, involved in the regulation of Topoisomerase II $\alpha$  expression. *Cancer Res.* 2000; 60:121-8  
Unoki M, Nishidate T and Nakamura Y. ICBP90, an E2F-1 target, recruits HDAC1 and binds to methyl-CpG through its SRA domain. *Oncogene* 2004; 23:7601-10.  
Karagianni P, Amazit L, Qin J, et al. ICBP90, a novel methyl K9 H3 binding protein linking protein ubiquitination with heterochromatin formation. *Mol. Cell Biol.* 2008; 28:705-17.  
Fang Z, Xing F, Bronner C, et al. ICBP90 mediates the ERK1/2 signaling to regulate the proliferation of Jurkat T cells. *Cell Immunol.* 2009; 257:80-7.