

UHRF1BP1 Antibody
Catalog # ASC11367**Specification**

UHRF1BP1 Antibody - Product Information

Application	WB, IHC, IF
Primary Accession	Q6BDS2
Other Accession	NP_060224 , 134152667
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 InformationGene ID **54887****Target/Specificity**

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:35499567). May be involved in the retrograde traffic of vesicle clusters in the endocytic pathway to the Golgi complex (PubMed:35499567).

Cellular Location

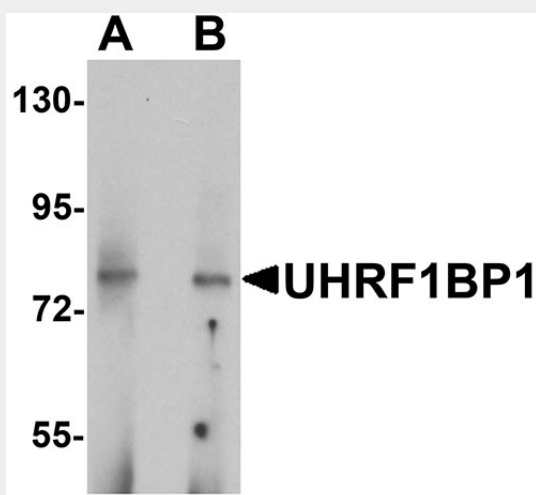
Late endosome.

UHRF1BP1 Antibody - Protocols

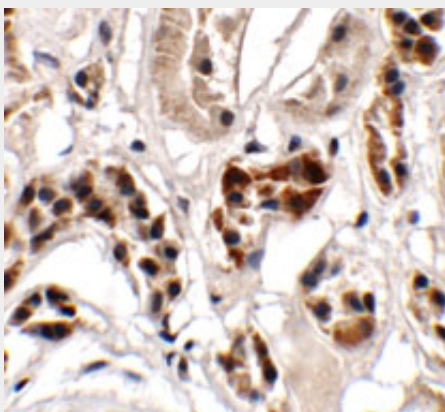
Provided below are standard protocols that you may find useful for product applications.

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

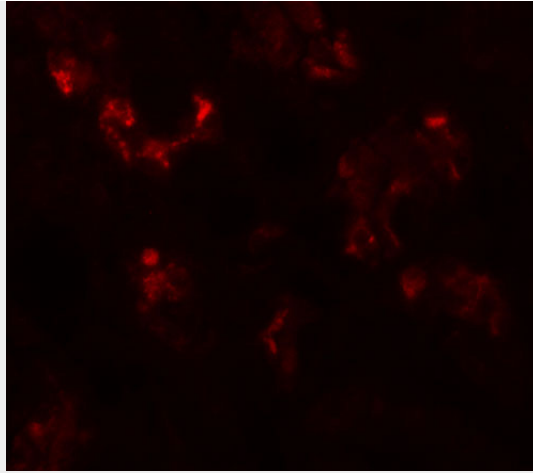
UHRF1BP1 Antibody - Images



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



Immunohistochemistry of UHRF1BP1 in human kidney tissue with UHRF1BP1 antibody at 2.5 μ 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 α 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.