

# UHRF1BP1L Antibody

Catalog # ASC11368

## Product Information

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| Application           | WB, IF, E, IHC-P                                                                                                                                                                                          |
| Primary Accession     | <a href="#">A0JNW5</a>                                                                                                                                                                                    |
| Other Accession       | <a href="#">NP_055869</a> , <a href="#">55749644</a>                                                                                                                                                      |
| Reactivity            | Human, Mouse                                                                                                                                                                                              |
| Host                  | Rabbit                                                                                                                                                                                                    |
| Clonality             | Polyclonal                                                                                                                                                                                                |
| Isotype               | IgG                                                                                                                                                                                                       |
| Calculated MW         | 164199                                                                                                                                                                                                    |
| Concentration (mg/ml) | 1 mg/mL                                                                                                                                                                                                   |
| Conjugate             | Unconjugated                                                                                                                                                                                              |
| Application Notes     | UHRF1BP1L antibody can be used for detection of UHRF1BP1L by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. |

## Additional Information

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| Gene ID                  | 23074                                                                                                                                                                                                                                             |
| Other Names              | UHRF1-binding protein 1-like, UHRF1BP1L, KIAA0701                                                                                                                                                                                                 |
| Target/Specificity       | UHRF1BP1L; At least two isoforms of UHRF1BP1L are known to exist; this antibody will recognize both isoforms. UHRF1BP1L antibody is predicted to not cross-react with UHRF1BP1                                                                    |
| Reconstitution & Storage | UHRF1BP1L 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              | UHRF1BP1L Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                                                              |

## Protein Information

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| Name              | BLTP3B ( <a href="#">HGNC:29102</a> )                                                                                                                                                                                                                                                                                                        |
| Function          | Tube-forming lipid transport protein which mediates the transfer of lipids between membranes at organelle contact sites (PubMed: <a href="#">35499567</a> ). Required for retrograde traffic of vesicle clusters in the early endocytic pathway to the Golgi complex (PubMed: <a href="#">20163565</a> , PubMed: <a href="#">35499567</a> ). |
| Cellular Location | Cytoplasm, cytosol. Early endosome. Note=Localizes on a subpopulation of vesicle clusters in the early endocytic pathway                                                                                                                                                                                                                     |

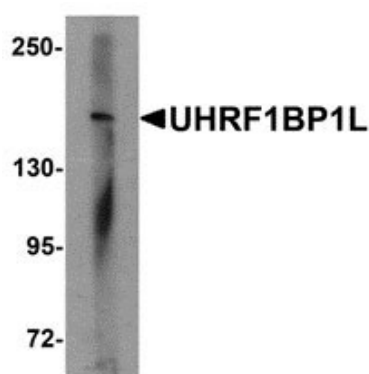
## Background

**UHRF1BP1L Antibody:** The Ubiquitin-like containing PHD and RING finger domains 1-binding protein 1-like (UHRF1BP1L) is closely related to UHRF1BP1, also known as ICBP90, a transcription and cell cycle regulator that specifically binds to the histone H3 N-terminal tail. While little is known of UHRF1BP1L, 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, suggesting that UHRF1BP1L may also be involved in chromatin regulation and cell proliferation.

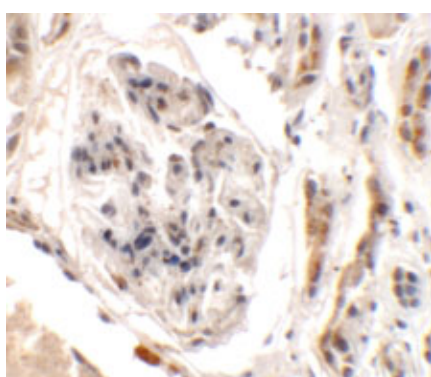
## References

- 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

## Images

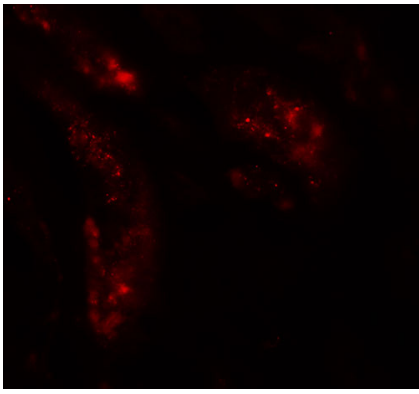


Western blot analysis of UHRF1BP1L in mouse brain tissue lysate with UHRF1BP1L antibody at 1  $\mu$ g/mL



Immunohistochemistry of UHRF1BP1L in human kidney tissue with UHRF1BP1L antibody at 2.5  $\mu$ g/mL.

Immunofluorescence of UHRF1BP1L in human kidney tissue with UHRF1BP1L antibody at 20  $\mu$ g/mL.



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