BOSTER BIOLOGICAL TECHNOLOGY
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Anti-UHRF1-binding protein 1 UHRF1BP1 Antibody

Catalog Number: A12200

About UHRF1BP1

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.

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Overview

Product Name	Anti-UHRF1-binding protein 1 UHRF1BP1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-UHRF1-binding protein 1 UHRF1BP1 Antibody (Catalog # A12200). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	UHRF1BP1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	UHRF1BP1 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q6BDS2

Technical Details

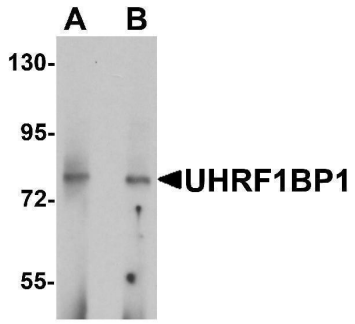
Immunogen	UHRF1BP1 antibody was raised against a 17 amino acid synthetic peptide near the center of human UHRF1BP1. The immunogen is located within amino acids 890 - 940 of UHRF1BP1.
Predicted Reactive Species	Bovine
Cross Reactivity	UHRF1BP1 antibody is predicted to not cross-react with UHRF1BP1L

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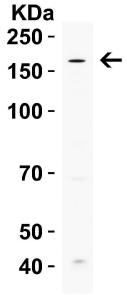
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	UHRF1BP1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	UHRF1BP1 antibody can be used for detection of UHRF1BP1 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human and mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

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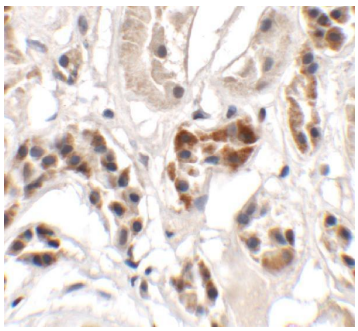
Anti-UHRF1-binding protein 1 UHRF1BP1 Antibody (A12200) Images



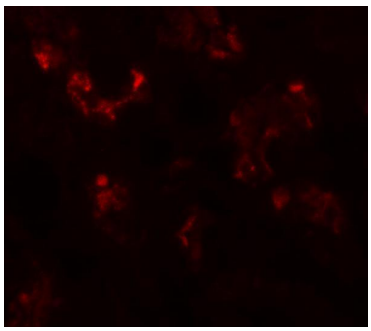
Western blot analysis of UHRF1BP1 in mouse kidney tissue lysate with UHRF1BP1 antibody at (A) 1 and (B) 2 ug/mL.



WB Validation in Human MCF -7 Cells Loading: 15 ug of human tissue lysate Antibodies: UHRF1BP1, A12200, 2 ug/mL , 1 h incubation at RT in 5% NFDM/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.

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