

Datasheet for ABIN1450049
anti-UHRF1BP1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	UHRF1BP1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UHRF1BP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	17 amino acid synthetic peptide near the center of Human UHRF1BP1
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	UHRF1BP1
Alternative Name:	UHRF1BP1 (UHRF1BP1 Products)
Background:	The Ubiquitin-like containing PHD and RING finger domains 1-binding protein 1 (UHRF1BP1),

Target Details

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. Synonyms: ICBP90-binding protein 1, UHRF1 binding protein 1, Ubiquitin-like containing PHD and RING finger domains 1-binding protein 1

Gene ID: 54887

NCBI Accession: [NP_060224](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

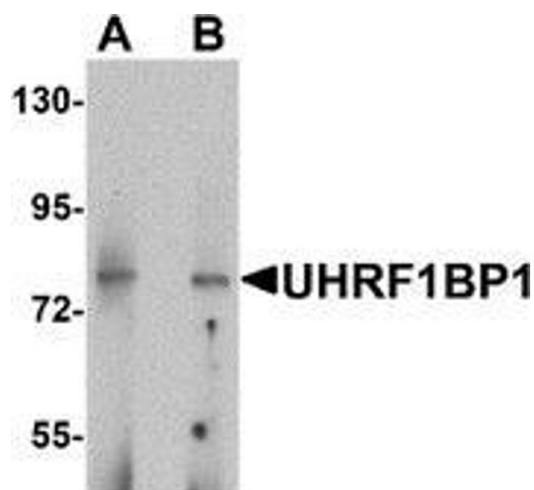
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

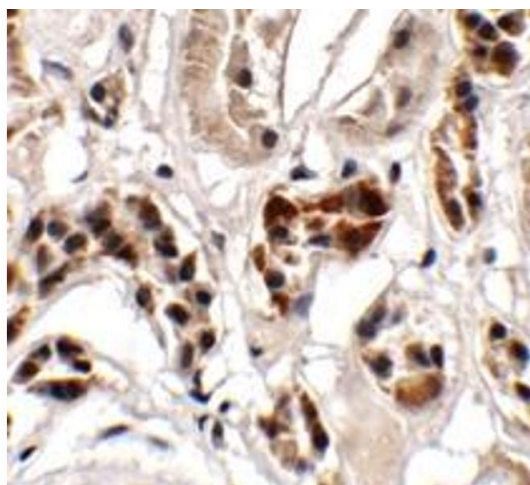
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of UHRF1BP1 in human kidney tissue with UHRF1BP1 antibody at 2.5 $\mu\text{g/mL}$.