

Datasheet for ABIN2780898
anti-UHRF1 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	UHRF1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UHRF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UHRF1
Sequence:	MGVFAVPPLS ADTMWIQVRT MDGRQHTHTVD SLSRLTKVEE LRRKIQELFH
Predicted Reactivity:	Cow: 79%, Dog: 79%, Guinea Pig: 86%, Human: 100%, Mouse: 79%, Rat: 86%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against UHRF1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	UHRF1
Alternative Name:	UHRF1 (UHRF1 Products)

Target Details

Background:	This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 Alias Symbols: FLJ21925, ICBP90, MGC138707, Np95, RNF106, hNP95 Protein Interaction Partner: UBC, H3F3B, H3F3A, HIST2H3D, HIST2H3A, HIST2H3C, UHRF1, HIST1H3F, HIST1H3B, HIST1H3E, HIST1H3C, HIST1H3D, HIST1H3A, HIST3H3, DNMT1, PARP1, PARP2, RNF2, USP7, KAT5, MPG, BTRC, CUL1, ZPR1, RB1, PRKACA, PML, SUV39H1, EZH2, SUZ12, UHRF2, USP11, HDAC1, ELAVL1, Protein Size: 806
Molecular Weight:	91 kDa
Gene ID:	29128
NCBI Accession:	NM_013282 , NP_037414
UniProt:	Q2HIX7

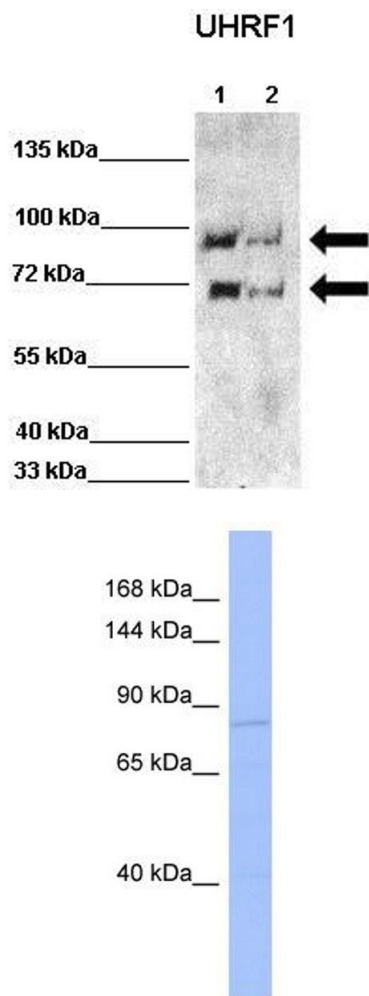
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 806 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-UHRF1 Antibody Positive Control: Lane 1: 60ug HCT116 lysate Lane 2: 60ug HCT116 lysate + siRNA Primary Antibody Dilution : 1:1000 Secondary Antibody : Anti rabbit-HRP Secondary Antibody Dilution : 1:5,000 Submitted by: Chinweike Ukomadu, Brigham and Women's Hospital, Boston

Western Blotting

Image 2. WB Suggested Anti-UHRF1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Stomach