

Rabbit anti-Human UHRF1 Polyclonal Antibody | anti-UHRF1 antibody

UHRF1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289913	Rabbit	Human	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

UHRF1; Polyclonal Antibody; UHRF1 Antibody (Center); E3 ubiquitin-protein ligase UHRF1; 632-; Inverted CCAAT box-binding protein of 90 kDa; Nuclear protein 95; Nuclear zinc finger protein Np95; HuNp95; hNp95; RING finger protein 106; Transcription factor ICBP90; Ubiquitin-like PHD and RING finger domain-containing protein 1; hUHRF1; Ubiquitin-like-containing PHD and RING finger domains protein 1; ICBP90; NP95; RNF106; anti-UHRF1 antibody

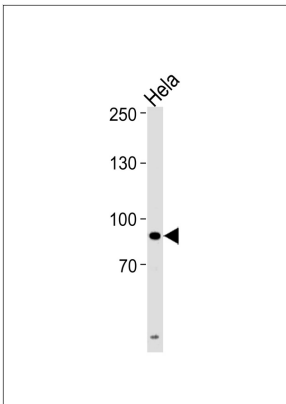
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UHRF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 229-257 amino acids from the Central region of human UHRF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	229-257
Sequence Length	806
Applicable Applications for anti-UHRF1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



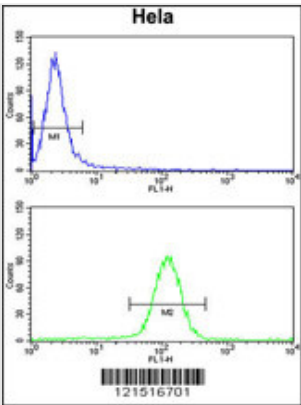
IF (Immunofluorescence)

Fluorescent confocal image of HeLa cell stained with UHRF1 Antibody (Center). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with UHRF1 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). UHRF1 immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)

UHRF1 Antibody (Center) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the UHRF1 antibody detected the UHRF1 protein (arrow).



FCM/FACS (Flow Cytometry)

UHRF1 Antibody (Center) flow cytometry analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-UHRF1 antibody	UHRF1 is a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone acetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint.
Product Categories/Family for anti-UHRF1 antibody	Crown Antibodies
References	Achour,M.,et.al., Biochem. Biophys. Res. Commun. 390 (3), 523-528 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430235
NCBI GeneID	29128
NCBI Accession #	NP_001041666.1; NP_037414.3
NCBI GenBank Nucleotide #	NM_001048201.2

UniProt Accession #	Q96T88; Q2HIX7; Q8J022; Q9H6S6; Q9P115; Q9P1U7; A0JBR2; A8K024; B2RBA9
Molecular Weight	89814
NCBI Official Full Name	E3 ubiquitin-protein ligase UHRF1 isoform 1
NCBI Official Synonym Full Names	ubiquitin-like with PHD and ring finger domains 1
NCBI Official Symbol	UHRF1
NCBI Official Synonym Symbols	Np95; hNP95; ICBP90; RNF106; hUHRF1; huNp95
NCBI Protein Information	E3 ubiquitin-protein ligase UHRF1
UniProt Protein Name	E3 ubiquitin-protein ligase UHRF1
UniProt Gene Name	UHRF1
UniProt Synonym Gene Names	ICBP90; NP95; RNF106; HuNp95; hNp95; hUHRF1
UniProt Entry Name	UHRF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/uhrf1-antibody-western-blot-immunofluorescence-flow-cytometry-elisa/289913>