

anti-Human UHRF1 Polyclonal Antibody | anti-UHRF1 antibody

Anti-UHRF1 Antibody

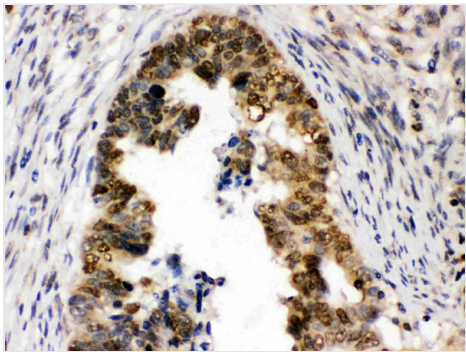
CATALOG # AAA46257	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

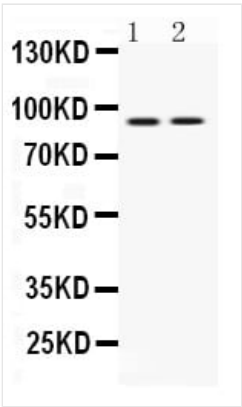
UHRF1; Polyclonal Antibody; Anti-UHRF1 Antibody; E3 ubiquitin-protein ligase UHRF1; Ac2-121; AL022808; EC 6.3.2.-; FLJ21925; hNP95; hUHRF1; HuNp95; ICBP90; Inverted CCAAT box binding protein of 90 kDa; Inverted CCAAT box binding protein; 90-kD; Inverted CCAAT box-binding protein of 90 kDa; Liver regeneration-related protein LRRG126; MGC138707; NP95; Nuclear phosphoprotein; 95-KD; Nuclear protein 95; Nuclear zinc finger protein Np95; RING finger protein 106; RNF106; Transcription factor ICBP90; Ubiquitin like containing PHD and RING finger domains protein 1; Ubiquitin like PHD and RING finger domain containing protein 1; Ubiquitin-like PHD and RING finger domain-containing protein 1; Ubiquitin-like protein containing PHD and RING finger domains 1; Ubiquitin-like with PHD and ring finger domains 1; Ubiquitin-like; containing PHD and RING finger domains; 1; Ubiquitin-like-containing PHD and RING finger domains protein 1; UHRF1_HUMAN; ubiquitin-like with PHD and ring finger domains 1; anti-UHRF1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	793
Applicable Applications for anti-UHRF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human UHRF1 (14-51aa HTVDLSRLTKVEELRRKIQLFHVEPGLQRLFYRGKQ), different from the related mouse sequence by six amino acids, and from the related rat sequence by five amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohiostchemistry)
UHRF1 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- UHRF1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of UHRF1 expression in MCF-7 whole cell lysates (lane 1) and U2OS whole cell lysates (lane 2). UHRF1 at 90KD was detected using rabbit anti- UHRF1 Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-UHRF1 antibody	Description: Rabbit IgG polyclonal antibody for E3 ubiquitin-protein ligase UHRF1(UHRF1) detection. Tested with WB, IHC-P in Human. Background: Ubiquitin-like, containing PHD and RING finger domains, 1 is a protein which in humans is encoded by the UHRF1 gene. 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 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. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12.
References	1. "Entrez Gene: UHRF1 ubiquitin-like, containing PHD and RING finger domains, 1". 2. Hopfner R, Mousli M, Jeltsch JM, Voulgaris A, Lutz Y, Marin C, Bellocq JP, Oudet P, Bronner C (Jan 2000)."ICBP90, a novel human CCAAT binding protein, involved in the regulation of topoisomerase IIalpha expression".Cancer Research 60 (1): 121-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430235
NCBI GeneID	29128
NCBI Accession #	NP_001041666.1
NCBI GenBank Nucleotide #	NM_001048201.2
UniProt Accession #	Q96T88; Q2HIX7; Q8J022; Q9H6S6; Q9P115; Q9P1U7; A0JBR2; A8K024; B2RBA9
Molecular Weight	91,116 Da
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; TDRD22; 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-immunohistochemistry-western-blot-elisa/46257>