

Rabbit anti-Mouse Uhrf1 Polyclonal Antibody | anti-Uhrf1 antibody

(Mouse) Uhrf1 Antibody (C-term)

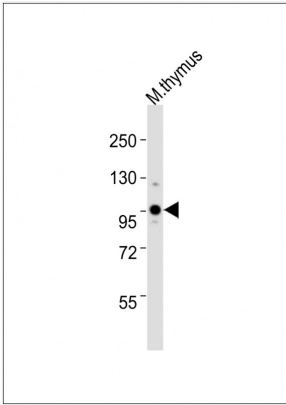
CATALOG # AAA287828	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

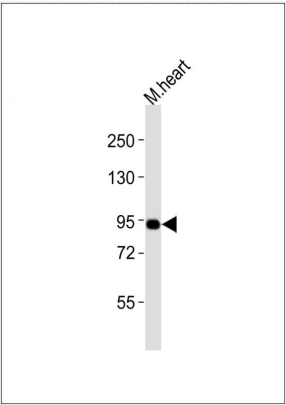
Uhrf1; Polyclonal Antibody; (Mouse) Uhrf1 Antibody (C-term); E3 ubiquitin-protein ligase UHRF1; 632-; Nuclear protein 95; Nuclear zinc finger protein Np95; Ubiquitin-like PHD and RING finger domain-containing protein 1; mUhrf1; Ubiquitin-like-containing PHD and RING finger domains protein 1; Np95; anti-Uhrf1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Uhrf1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 596-628 amino acids from the C-terminal region of Mouse Uhrf1.
Purity/Purification	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 Length	774
Applicable Applications for anti-Uhrf1 antibody	ELISA, WB (Western Blot)
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.



WB (Western Blot)
Anti-Uhrf1 Antibody (C-term) at 1:2000 dilution + mouse thymus lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 88 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-Uhrf1 Antibody (C-term) at 1:1000 dilution + mouse heart lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 88 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Uhrf1 antibody	Multidomain protein that acts as a key epigenetic regulator by bridging DNA methylation and chromatin modification. Specifically recognizes and binds hemimethylated DNA at replication forks via its YDG domain and recruits DNMT1 methyltransferase to ensure faithful propagation of the DNA methylation patterns through DNA replication. In addition to its role in maintenance of DNA methylation, also plays a key role in chromatin modification: through its tudor-like regions and PHD- type zinc fingers, specifically recognizes and binds histone H3 trimethylated at 'Lys-9' (H3K9me3) and unmethylated at 'Arg-2' (H3R2me0), respectively, and recruits chromatin proteins. Enriched in pericentric heterochromatin where it recruits different chromatin modifiers required for this chromatin replication. Also localizes to euchromatic regions where it negatively regulates transcription possibly by impacting DNA methylation and histone modifications. Has E3 ubiquitin-protein ligase activity by mediating the ubiquitination of target proteins such as histone H3 and PML. It is still unclear how E3 ubiquitin-protein ligase activity is related to its role in chromatin in vivo. May be involved in DNA repair.
Product Categories/Family for anti-Uhrf1 antibody	Crown Antibodies
References	Fujimori A.,et al.Mamm. Genome 9:1032-1035(1998). Davenport J.W.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases. Carninci P.,et al.Science 309:1559-1563(2005). Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009). Muto M.,et al.J. Biol. Chem. 277:34549-34555(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	161621271
NCBI GeneID	18140
NCBI Accession #	NP_001104548.1
NCBI GenBank Nucleotide #	NM_001111078.1
UniProt Accession #	Q8VDF2; Q3U9D7; Q3U9P2; Q3UI74; Q3UIE6; Q3ULF2; Q3ULQ0; Q8C6F1; Q8VIA1; Q9Z1H6
Molecular Weight	88304
NCBI Official Full Name	E3 ubiquitin-protein ligase UHRF1 isoform A
NCBI Official Synonym Full Names	ubiquitin-like, containing PHD and RING finger domains, 1
NCBI Official Symbol	Uhrf1
NCBI Official Synonym Symbols	Np95; ICBP90; RNF106; AL022808

NCBI Protein Information	E3 ubiquitin-protein ligase UHRF1
UniProt Protein Name	E3 ubiquitin-protein ligase UHRF1
UniProt Gene Name	Uhrf1
UniProt Synonym Gene Names	Np95; mUhrf1
UniProt Entry Name	UHRF1_MOUSE

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://stage.aaabiotech.com/polyclonal/uhrf1-antibody-western-blot-elisa/287828>