Rabbit MonoMethyl-UHRF1-K385 Polyclonal Antibody | anti-MonoMethyl-UHRF1-K385 antibody

MonoMethyl-UHRF1-K385 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281606	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, Dot Blot**

PRODUCT SYNONYMS

MonoMethyl-UHRF1-K385; Polyclonal Antibody; MonoMethyl-UHRF1-K385 Rabbit pAb; UHRF1; ICBP90; Np95; RNF106; TDRD22; hNP95; hUHRF1; huNp95; anti-MonoMethyl-UHRF1-K385 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	KAKMA
Applicable Applications for anti-MonoMethyl-UHRF1-K385 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), DB (Dot Blot)
Immunogen	A synthetic monomethylated peptide around K385 of human UHRF1 (NP_001041666.1).
Cellular Location	Nucleus
Positive Samples	C6
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using MonoMethyl-UHRF1-K385 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

DB (Dot Blot)
Dot-blot analysis of all sorts of methylation peptides using MonoMethyl-UHRF1-K385 antibody at 1:1000 dilution.

WB (Western Blot)
Western blot analysis of extracts of C6 cells, using MonoMethyl-UHRF1-K385 antibody at 1:1000 dilution.C6 cells were treated by MG132(50 uM) at 37â„ƒ for 90 minutes.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% BSA.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-MonoMethyl-UHRF1-K385 antibody	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 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.
Product Categories/Family for anti-MonoMethyl-UHRF1-K385 antibody	Methylated Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430235
NCBI GeneID	29128
NCBI Accession #	NP_001041666.1
NCBI GenBank Nucleotide #	NM_001048201.1
UniProt Accession #	Q96T88; Q2HIX7; Q8J022; Q9H6S6; Q9P115; Q9P1U7; A0JBR2; A8K024; B2RBA9
Molecular Weight	Observed Molecular Weight The band size is ~90kDa
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
NCBI Protein Information	E3 ubiquitin-protein ligase UHRF1; huNp95; nuclear protein 95; RING finger protein 106; transcription factor ICBP90; nuclear zinc finger protein Np95; inverted CCAAT box-binding protein of 90 kDa; ubiquitin-like, containing PHD and RING finger domains, 1;
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://stage.aaabiotech.com/polyclonal/monomethyl-uhrf1-k385-antibody-immunofluorescence-immunohistochemistry-western-blot-dot-blot-elisa/281606