

Rabbit Acetyl-HMGB1-K29 Polyclonal Antibody | anti-Acetyl-HMGB1-K29 antibody

[KO Validated] Acetyl-HMGB1-K29 Rabbit pAb

CATALOG # AAA281605	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Acetyl-HMGB1-K29; Polyclonal Antibody; [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb; HMG-1; HMG1; HMG3; SBP-1; HMGB1; anti-Acetyl-HMGB1-K29 antibody

PRODUCT SPECIFICATIONS

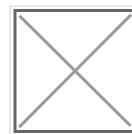
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-Acetyl-HMGB1-K29 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic acetylated peptide around K29 of human HMGB1.
Cellular Location	Cell membrane, Chromosome, Cytoplasm, Endoplasmic reticulum-Golgi intermediate compartment, Endosome, Extracellular side, Nucleus, Peripheral membrane protein, Secreted
Positive Samples	293T
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



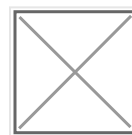
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and Acetyl-HMGB1-K29 knockout (KO) 293T cells, using Acetyl-HMGB1-K29 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 5min.

ADDITIONAL INFORMATION

Related Product Information for anti-Acetyl-HMGB1-K29 antibody	Background: This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.
Product Categories/Family for anti-Acetyl-HMGB1-K29 antibody	Epigenetics & Nuclear Signaling; Histones; Research; Epigenetics & Nuclear Signaling; RNA Binding; Research; Cell Biology & Developmental Biology; Ferroptosis; Acetylated Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504425
NCBI GeneID	3146
NCBI Accession #	NP_002119.1
NCBI GenBank Nucleotide #	NM_002128.4
UniProt Accession #	P09429; Q14321; Q5T7C3; Q6IBE1; A5D8W9
Molecular Weight	24,894 Da
NCBI Official Full Name	high mobility group protein B1
NCBI Official Synonym Full Names	high mobility group box 1
NCBI Official Symbol	HMGB1
NCBI Official Synonym Symbols	HMG1; HMG3; SBP-1
NCBI Protein Information	high mobility group protein B1; HMG-1; Amphoterin; high-mobility group box 1; high mobility group protein 1; Sulfoglucuronyl carbohydrate binding protein; high-mobility group (nonhistone chromosomal) protein 1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	HMG1; HMG-1
UniProt Entry Name	HMGB1_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/acetyl-hmgb1-k29-antibody-immunofluorescence-western-blot-elisa/281605>