

[KO Validated] Acetyl-HMGB1-K29 Rabbit pAb

Catalog No.: A16002 **KO** **Validated** **1 Publications**

Basic Information

Catalog No.

A16002

Observed MW

28kDa

Calculated MW

24kDa

Category

Primary antibody

Applications

WB, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IF	1:50 - 1:200

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
3146	P09429

Immunogen

A synthetic acetylated peptide around K29 of human HMGB1.

Synonyms

HMG-1;HMG1;HMG3;SBP-1;HMGB1

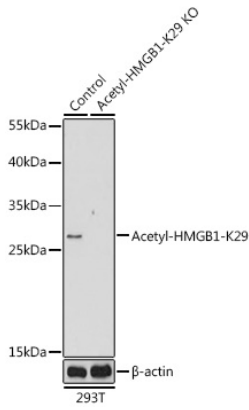
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

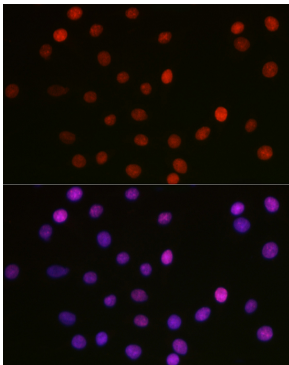
Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

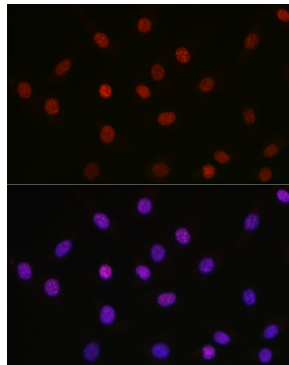
Validation Data



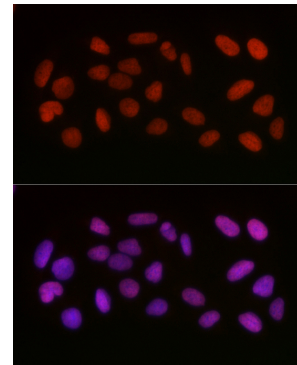
Western blot analysis of extracts from normal (control) and Acetyl-HMGB1-K29 knockout (KO) 293T cells, using Acetyl-HMGB1-K29 antibody (A16002) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 5min.



Immunofluorescence analysis of C6 cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb (A16002) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb (A16002) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb (A16002) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.