

**[KO Validated] Acetyl-HMGB1-K29 Rabbit
Polyclonal Antibody
CAB16002**



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

28kDa

Calculated MW:

24kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein 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:

3146

Uniprot

P09429

Synonyms:

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

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

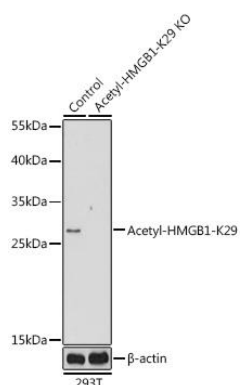
Immunogen:

A synthetic acetylated peptide around K29 of human HMGB1.

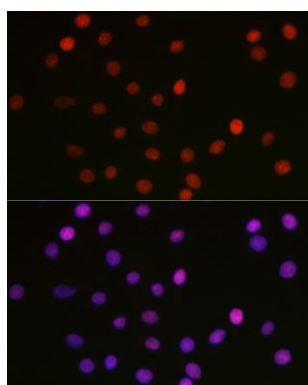
Storage:

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

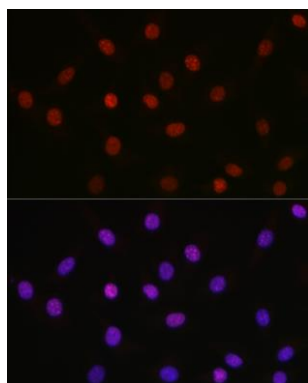
Product Images



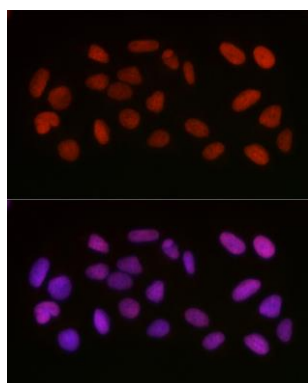
Western blot analysis of extracts from normal (control) and Acetyl-HMGB1-K29 knockout (KO) 293T cells, using Acetyl-HMGB1-K29 antibody (CAB16002) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 5min.



Immunofluorescence analysis of C6 cells using [KO Validated] Acetyl-HMGB1-K29 Rabbit pAb (CAB16002) 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 (CAB16002) 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 (CAB16002) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.