

Acetyl-HMGB1-K29 Rabbit pAb

Catalog No.: A16002 **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

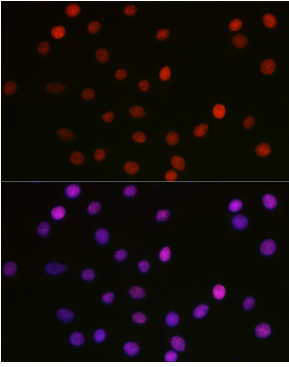
Product Information

| | | |
|---------------|----------------|-----------------------|
| Source | Isotype | Purification |
| Rabbit | IgG | Affinity purification |

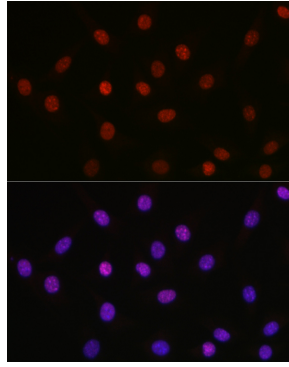
Storage

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

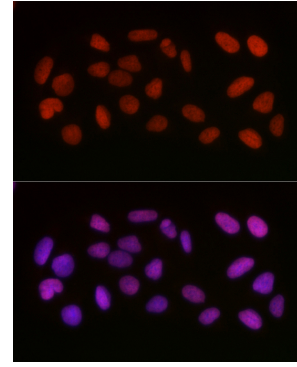
Validation Data



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.