

MonoMethyl-Histone H3-R2 Rabbit Monoclonal Antibody

CAB19645



Product Information

Size:

20uL, 50uL, 100uL

Observed MW:

17kDa

Calculated MW:

15kDa

Applications:

WB IP ChIP

Reactivity:

Human, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 ChIP
1:20 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. One study also suggests that this protein acts as a transcriptional repressor independent of its kinase activity. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene.

Immunogen information

Gene ID:

8290/8350

Uniprot

Q16695/P68431

Synonyms:

H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10;
H3C11; H3C12; HIST1H3A

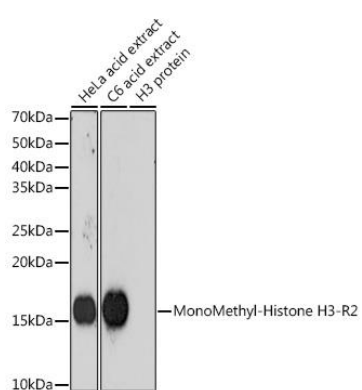
Immunogen:

A synthesized peptide derived from human Histone H3 (mono methyl R2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Product Images



Western blot - MonoMethyl-Histone H3-R2 Rabbit mAb (CAB19645)