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MonoMethyl-UHRF1-K385 Rabbit pAb

Catalog No.: A16008

Basic Information

Observed MW
91kDa

Calculated MW
90kDa

Category
Primary antibody

Applications
ELISA,DB,WB

Cross-Reactivity
Human, Mouse, Rat

Background

This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12.

Recommended Dilutions

DB	1:500 - 1:2000
WB	1:500 - 1:2000

Immunogen Information

Gene ID
29128

Swiss Prot
Q96T88

Immunogen
A synthetic monomethylated peptide around K385 of human UHRF1 (NP_001041666.1).

Synonyms
Np95; hNP95; ICBP90; RNF106; TDRD22; hUHRF1; huNp95; MonoMethyl-UHRF1-K385

Contact

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Product Information

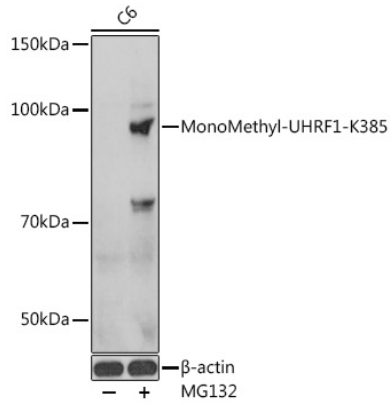
Source
Rabbit

Isotype
IgG

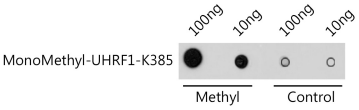
Purification
Affinity purification

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

Validation Data



Western blot analysis of extracts of C6 cells, using MonoMethyl-UHRF1-K385 antibody (A16008) at 1:1000 dilution.C6 cells were treated by MG132(50 μM) at 37℃ for 90 minutes.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Dot-blot analysis of all sorts of methylation peptides using MonoMethyl-UHRF1-K385 antibody (A16008) at 1:1000 dilution.