

MonoMethyl-UHRF1-K385 Rabbit pAb

Catalog No.: A16008

Basic Information

Observed MW

91kDa

Calculated MW

90kDa

Category

Primary antibody

Applications

WB,DB,ELISA

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

WB 1:500 - 1:2000**DB** 1:500 - 1:2000**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

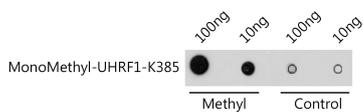
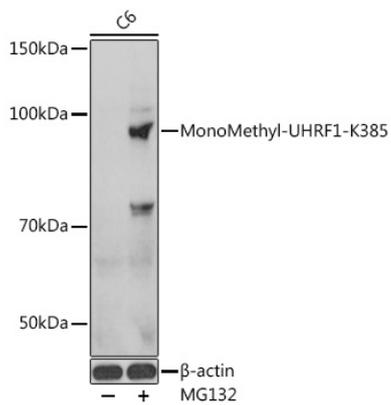
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



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