

MonoMethyl-UHRF1-K385 polyclonal antibody

Catalog: BS74109

Host: Rabbit

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

91kDa

Swiss-Prot:

Q96T88

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

DB,1:500 - 1:2000|WB,1:500 - 1:2000|IHC,1:50 - 1:200

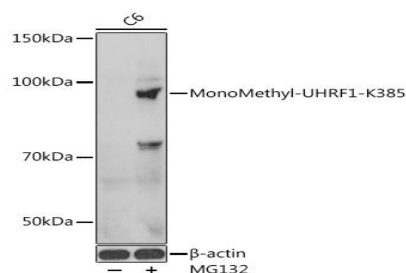
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

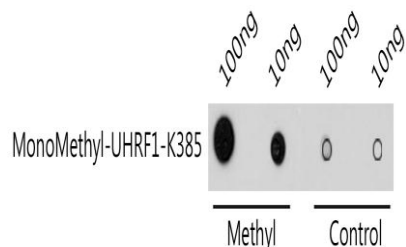
Modification:

Methylated

DATA:



Western blot analysis of extracts of C6 cells, using MonoMethyl-UHRF1-K385 antibody at 1:1000 dilution. C6 cells were treated by MG132 at 37 °C for 90 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



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

Note:

For research use only, not for use in diagnostic procedure.

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