

Product Name: UHRF1 (1H9) Mouse Monoclonal Antibody
Catalog #: AMM03412

Summary

Production Name	UHRF1 (1H9) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	UHRF1
Alternative Names	Np95; hNP95; ICBP90; RNF106
Gene ID	29128
SwissProt ID	Q96T88

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 90 kDa; Observed MW: 90 kDa

Background

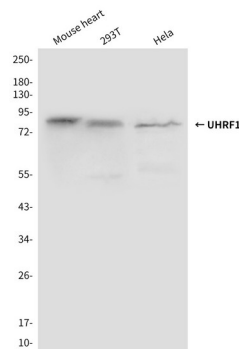
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This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during 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.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of UHRF1 in mouse heart, 293T, HeLaNE and HeLa lysates using UHRF1 antibody.

Note

For research use only.