

**Product Name: UHRF1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01450**



## Summary

<b>Production Name</b>	UHRF1 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	UHRF1
<b>Alternative Names</b>	Np95; hNP95; ICBP90; RNF106
<b>Gene ID</b>	29128
<b>SwissProt ID</b>	Q96T88.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 90 kDa; Observed MW: 97 kDa

## Background

This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA

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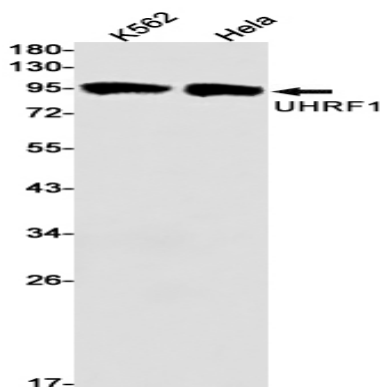


sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in 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 K562, HeLa lysates using UHRF1 antibody.

## Note

For research use only.