

**Product Name: UHRF1 Rabbit Monoclonal Antibody****Catalog #: AMRe85145**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000, IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 90 kDa; Observed MW: 97 kDa

**Antigen Information**

<b>Gene Name</b>	UHRF1
<b>Alternative Names</b>	Np95; hNP95; ICBP90; RNF106
<b>Gene ID</b>	29128.0
<b>SwissProt ID</b>	Q96T88
<b>Immunogen</b>	Recombinant protein of human UHRF1

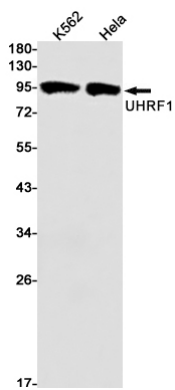
**Background**

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.

## Research Area

## Image Data



Western blot analysis of UHRF1 in K562, HeLa lysates using UHRF1 antibody.