

## DiMethyl-UHRF1-K385 pAb

<b>Catalog No.</b>	A16008	<b>Category</b>	Methylated Antibodies
<b>Applications</b>	IHC, IF	<b>Observed MW</b>	
<b>Cross-reactivity</b>	Human, Mouse	<b>Calculated MW</b>	89kDa/91kDa

### Immunogen Information

<b>Immunogen</b>	A synthetic monomethylated peptide around K385 of human UHRF1 (NP_001041666.1).
<b>Gene ID</b>	29128
<b>Swiss prot</b>	Q96T88
<b>Synonyms</b>	UHRF1; ICBP90; Np95; RNF106; TDRD22; hNP95; hUHRF1; huNp95; E3 ubiquitin-protein ligase UHRF1

### Product information

<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

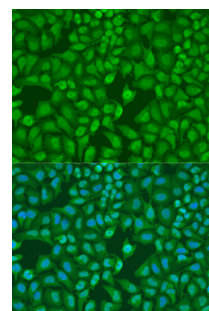
### Background

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

IHC 1:50 -  
1:200

IF 1:50 -  
1:200



Immunofluorescence - DiMethyl-UHRF1-K385 pAb (A16008)