

## UHRF1

**Reactivity:** Human

**Tested applications:** WB IF FC

**Recommended Dilution:** WB 1:500 - 1:2000 IF 1:20 - 1:50 FC 1:20 - 1:50

**Calculated MW:** 91kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human UHRF1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

100 µg/ml

**Synonym:**

Np95; hNP95; ICBP90; RNF106; hUHRF1;

**Catalog #:** A0297

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 29128

**Isotype:** IgG

**Swiss Prot:** Q96T88

**Purity:** Affinity purification

For research use only.

**Background:**

UHRF1, also named as ICBP90, NP95 and RNF106, is a putative E3 ubiquitin-protein ligase. It may participate in methylation-dependent transcriptional regulation. UHRF1 binds to inverted 5'-CCAAT-3' box 2 in the TOP2A promoter, and activates TOP2A expression. It is important for G1/S transition and may be involved in DNA repair and chromosomal stability. UHRF1's ability to repress its direct target gene expression is dependent on PHD(UHRF1) binding to unmodified H3R2.

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