

## UK Office

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diagnostic or therapeutic use.**

## EB09807 - Goat Anti-UHRF1 / ICBP90 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FLJ21925, hNP95, ICBP90, inverted CCAAT box-binding protein of 90 kDa, MGC138707, Np95, nuclear zinc finger protein Np95, RING finger protein 106, RNF106, transcription factor ICBP90, ubiquitin-like, containing PHD and RING finger domains, 1, UHRF1

**Official Symbol:** UHRF1

**Accession Number(s):** NP\_001041666.1; NP\_037414.3

**Human GeneID(s):** [29128](#)

**Non-Human GeneID(s):** 316129 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001041666.1; NP\_037414.3).

### Immunogen

Peptide with sequence NKRTAEQSCDQKLTN, from the internal region of the protein sequence according to NP\_001041666.1; NP\_037414.3.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Preliminary experiments in HeLa, HEK293, HG2, Human Thymus lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Rat, Dog, Cow

### Background Reference

Arita K, Ariyoshi M, Tochio H, Nakamura Y, Shirakawa M.

Recognition of hemi-methylated DNA by the SRA protein UHRF1 by a base flipping mechanism.

Nature. 2008 Oct 9;455(7214):818-21. Epub 2008 Sep 3.

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