



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10073 - Goat Anti-HIF3A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** bHLHe17, HIF-3A, HIF-3A2, HIF-3A4, hypoxia inducible factor 3, alpha subunit, hypoxia-inducible factor-3 alpha 4, inhibitory PAS domain protein, IPAS, MOP7, PASD7, HIF3A

**Official Symbol:** HIF3A

**Accession Number(s):** NP\_690007.1; NP\_690008.2

**Human GeneID(s):** [64344](#)

**Non-Human GeneID(s):** 53417 (mouse), 64345 (rat)

**Important Comments:** This antibody is expected to recognize isoform a and c (NP\_690007.1; NP\_690008.2).

### Immunogen

Peptide with sequence QDHRSTTELRKEKS-C, from the N Terminus of the protein sequence according to NP\_690007.1; NP\_690008.2.

Please note the [peptide](#) is available for sale.

### 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

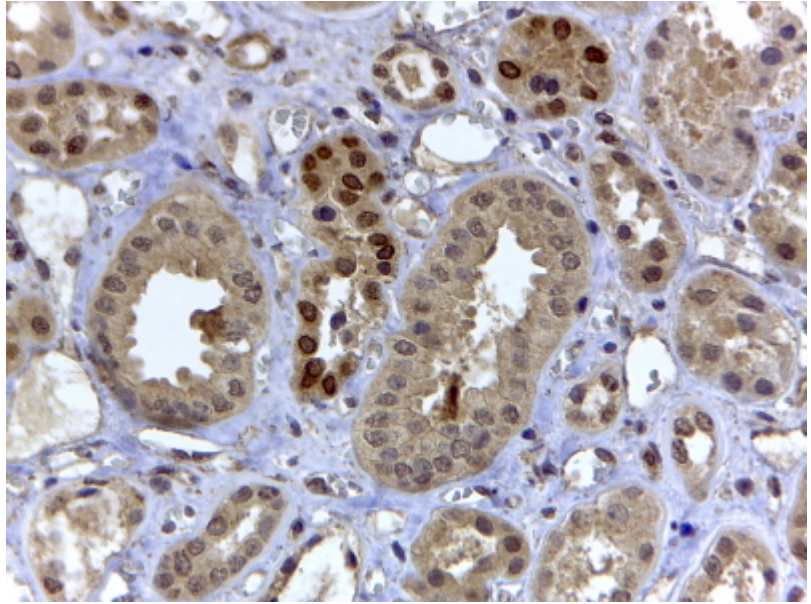
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**IHC:** In paraffin embedded Human Kidney shows nuclear staining in some of the DCT. Recommended concentration, 4-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



EB10073-D2 (4 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.