



## UK Office

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

## EB12309 - Goat Anti-HES4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HES4, hairy and enhancer of split 4 (Drosophila), bHLHb42, bHLH factor Hes4, class B basic helix-loop-helix protein 42, hHES4, transcription factor HES-4

**Official Symbol:** HES4

**Accession Number(s):** NP\_001135939.1

**Human GeneID(s):** [57801](#)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_001135939.1) only.

### Immunogen

Peptide with sequence C-RSAAEHRKVGSRP, from the internal region of the protein sequence according to NP\_001135939.1.

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.

**Western blot:** Approx 24kDa band observed in nuclear lysates of cell line HepG2 (calculated MW of 26.1kDa according to NP\_001135939.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12309 (1 $\mu$ g/ml) staining of HepG2 nuclear lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.