

## UK Office

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

## EB05463 - Goat Anti-KLF15 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** KLF15, KKLf, Kruppel-like factor 15, KKLf protein, kidney-enriched Kruppel-like factor, DKFZp779M1320

**Official Symbol:** KLF15

**Accession Number(s):** NP\_054798.1

**Human GeneID(s):** [28999](#)

**Non-Human GeneID(s):** 66277 (mouse), 85497 (rat)

### Immunogen

Peptide with sequence VDHLLPVDFNFSS-C, from the N Terminus of the protein sequence according to NP\_054798.1.

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 1:64000.

**Western blot:** Approx 45kDa band observed in HeLa and in nuclear cell lysates of HepG2 (calculated MW of 44kDa according to NP\_054798.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Rat, Mouse and Pig Kidney, and NIH3T3 for this particular batch.

**Flow Cytometry:** Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

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

EB05463 (1µg/ml) staining of nuclear HepG2 (A) and (0.5ug/ml) HeLa (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB05463 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.