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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 VDHLLPVDENFSS-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.

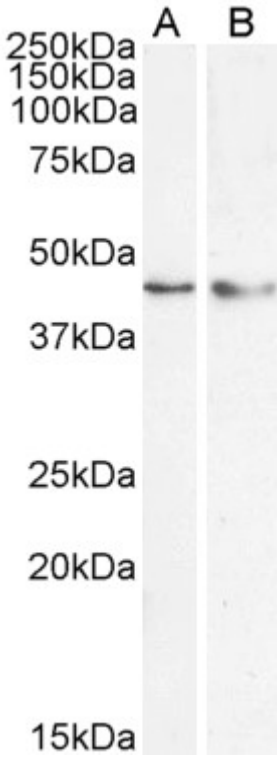
Applications Tested

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.

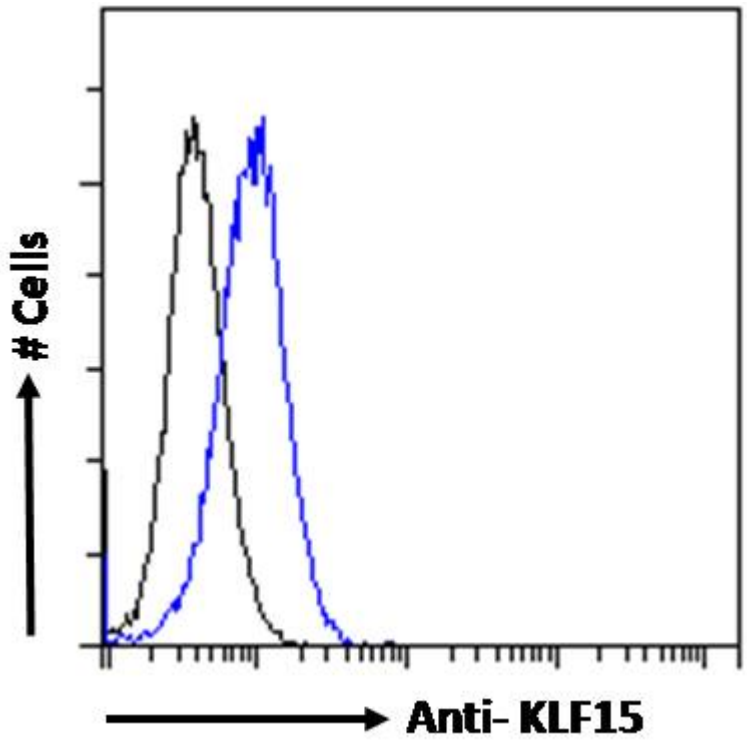
Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

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.