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

EB11864 - Goat Anti-LIF (aa28-39) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CDF, cholinergic differentiation factor, D factor, DIA, differentiation inhibitory activity, differentiation stimulating factor, differentiation-inducing factor, differentiation-stimulating factor, hepatocyte-stimulating factor III, HILDA, human interleukin in DA cells, leukemia inhibitory factor, leukemia inhibitory factor (cholinergic differentiation factor), LIF, melanoma-derived LPL inhibitor, MLPLI, OTTHUMP00000198698

Official Symbol: LIF

Accession Number(s): NP_002300.1

Human GeneID(s): [3976](#)

Non-Human GeneID(s): 16878 (mouse), 60584 (rat)

Immunogen

Peptide with sequence TPVNATCAIRHP, from the internal region of the protein sequence according to NP_002300.1.

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 23kDa band observed in Mouse and Rat Colon lysates (calculated MW of 22.3kDa according to Mouse NP_032527.1 and 22.1kDa according to Rat NP_071532.2). Recommended concentration: 0.5-1.5µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat

EB11864 (0.5µg/ml) staining of Mouse (A) and (1ug/ml) Rat (B) Colon lysate (35µg protein in RIPA buffer).
Detected by chemiluminescence.