

## Goat anti-LIF (aa28-39) Antibody

<b>Item Number</b>	dAP-2766
<b>Target Molecule</b>	Principle Name: LIF (aa28-39); Official Symbol: LIF; All Names and Symbols: LIF; leukemia inhibitory factor (cholinergic differentiation factor); CDF; DIA; HILDA; D factor; MLPLI; OTTHUMP00000198698; cholinergic differentiation factor; differentiation inhibitory activity; differentiation stimulating factor; differentiation-inducible; Accession Number (s): NP_002300.1; Human Gene ID(s): 3976; Non-Human GeneID(s): 16878 (mouse) 60584 (rat)
<b>Immunogen</b>	TPVNATCAIRHP, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 23kDa band observed in Mouse and Rat Colon lysates (calculated MW of 22.3kDa according to Mouse NP_032527.1. Primary incubation was 1 hour. Recommended concentration: 0.5-1.5µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Shuya LL, Menkhorst EM, Yap J, Li P, Lane N, Dimitriadis E. Leukemia inhibitory factor enhances endometrial stromal cell decidualization in humans and mice. PLoS One. 2011;6(9):e25288..PMID: 21966484->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**