

bs-1058R**[Primary Antibody]****LIF Rabbit pAb****BioSS**
ANTIBODIES

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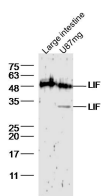
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 3976 Target: LIF Immunogen: KLH conjugated synthetic peptide derived from human LIF: 101-202/202. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: The leukemia inhibitory factor- LIF is a kind of cell factor that has various living creature functions. It has the leukemia cell of inducement to divide, regulating the growth metabolism of the bone organization, maintaining the basic characteristic of the Embryonic stem cells and promoting the mankind build the blood stem cell to divide to propagate, promote the cholinergic neuron to divide, obstruct the fat cell to synthesize, stimulate the muscle cell growth, regulate the liver cell to expect to respond the egg white to synthesize etc. in the acute the biology activity etc. function.	Isotype: IgG SWISS: P15018	Applications: WB (1:500-2000) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog) Predicted MW.: 20 kDa Subcellular Location: Secreted
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— VALIDATION IMAGES —

Sample: Large intestine(mouse) Lysate at 40 ug
U87mg cell(human) Lysate at 30 ug Primary:
Anti- LIF (bs-1058R) at 1/300 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 20kD Observed
band size: 30/50 kD

— SELECTED CITATIONS —

- **[IF=6.291]** Peng Zheng. et al. Alleviative effect of melatonin on the decrease of uterine receptivity caused by blood ammonia through ROS/NF-κB pathway in dairy cow. Ecotox Environ Safe. 2022 Feb;231:113166 WB ;Bovine. 35030520
- **[IF=4.7]** Xiao-Ying Gao. et al. Molybdenum interferes with MMPs/TIMPs expression to reduce the receptivity of porcine endometrial epithelial cells. CHEM-BIOL INTERACT. 2025 Jan;405:111304 IF ;Porcine. 39486568
- **[IF=4.8]** Yang Qian. et al. Human Umbilical Cord Mesenchymal Stem Cells Promote Anti-Inflammation and Angiogenesis by Targeting Macrophages in a Rat Uterine Scar Model. STEM CELL REV. 2024 May;;1-14 IHC ;Rat. 38703310
- **[IF=3.69]** Kiyoshi Terawaki. et al. The ameliorating effects of tokishakuyakusan in a rat model of implantation failure involves endometrial gland leukemia inhibitory factor and decidualization. J Ethnopharmacol. 2021 Jan;265:113288 IHC ;Rat. 32841695

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=3.309]** Gulistan Sanem Saribas. et al. Ellagic acid increases implantation rates with its antifibrotic effect in the rat model of intrauterine adhesion. PATHOL RES PRACT. 2023 Jun;246:154499 IHC ;Rat. 37163881