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## CKLF Rabbit pAb

Catalog Number: bs-2394R

Target Protein: CKLF

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat (predicted:Rabbit)

Predicted MW: 17 kDa

Subcellular: Secreted, Cell membrane

Locations:

Entrez Gene: 51192

Swiss Prot: Q9UBR5

Source: KLH conjugated synthetic peptide derived from human CKLF: 1-100/152.

Purification: affinity purified by Protein A

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:** CKLF is a cytokine. Cytokines are small proteins that have an essential role in the immune and inflammatory responses. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 16. CKLF protein is a potent chemoattractant for neutrophils, monocytes and lymphocytes. It also can stimulate the proliferation of skeletal muscle cells. CKLF may play important roles in inflammation and in the regeneration of skeletal muscle. Alternatively spliced transcript variants encoding different isoforms have been identified.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=4.8] Jilong Guo. et al. Acupuncture Improves Chronic Cerebral Ischemia by Inhibiting the CKLF1/HIF - 1 $\alpha$ /VEGF/Notch1 Signaling Pathway. *cns neuroscience & therapeutics*. 2025 Mar;31(3):e70246. IF ; Rat . 40019048