



Rabbit Anti-CKLF antibody

SL2394R

Product Name:	CKLF
Chinese Name:	趋化素样蛋白抗体
Alias:	C32; Chemokine-like factor; chemokine-like factor 1; chemokine-like factor 2; chemokine-like factor 3; chemokine-like factor 4; CKLF_HUMAN; CKLF1; CKLF2; CKLF3; CKLF4; CKLFSF2; HSPC224; transmembrane proteolipid; UCK-1; UCK1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	17kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CKLF:1-100/152
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The product of this gene 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. The protein encoded by this gene is a potent chemoattractant for neutrophils, monocytes and lymphocytes. It also can stimulate the proliferation of skeletal muscle cells. This

protein may play important roles in inflammation and in the regeneration of skeletal muscle. Alternatively spliced transcript variants encoding different isoforms have been identified. Naturally occurring read-through transcription occurs between this locus and the neighboring locus CMTM1 (CKLF-like MARVEL transmembrane domain containing 1).[provided by RefSeq, Feb 2011]

Function:

May play an important role in inflammation and regeneration of skeletal muscle. Partly inhibited by interleukin 10.

Isoform 1 has chemotactic response in rat monocytes, neutrophils, and lymphocytes.

Subcellular Location:

Isoform 1: Secreted.

Isoform 2: Membrane; Multi-pass membrane protein.

Isoform 4: Membrane; Multi-pass membrane protein.

Tissue Specificity:

Isoform 1, isoform 2, isoform 3 and isoform 4 have highest expression levels in adult spleen, lung, testis, ovary, peripheral blood leukocyte, placenta, pancreas, and in fetal brain, skeletal muscle, thymus and heart. Lower expression levels in adult skeletal muscle, liver, thymus colon, prostate and fetal spleen and liver.

Similarity:

Belongs to the chemokine-like factor family.

Contains 1 MARVEL domain.

SWISS:

Q9UBR5

Gene ID:

51192

Database links:

[Entrez Gene: 51192](#)Human

[Entrez Gene: 75458](#)Mouse

[Entrez Gene: 245978](#)Rat

[Omid: 607885](#)Human

[SwissProt: Q9UBR5](#)Human

[SwissProt: Q9DAS1](#)Mouse

[SwissProt: Q9JK79](#)Rat

[Unigene: 15159](#)Human

[Unigene: 81197](#)Rat

Important Note:

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

CKLF (趋化素样因子) 是人类趋化素样因子超家族CKLFSF (Chemokine-like Factor Super

Family, 趋化素样因子超家族)中的一员, Chemokine能使细胞发生趋化运动的小分子cell factor。Chemokine结构和功能比较相似,分子量多在10-20kDa之间,对嗜中性粒细胞、lymphocyte、单核细胞等多种细胞有趋化活性。

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