

CKLF Rabbit pAb

Catalog # AP97152

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9UBR5
Other Accession	Q9UBR5
Reactivity	Rat, Human, Mouse
Predicted	Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17170
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CKLF
Epitope Specificity	1-100/152
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the chemokine-like factor family.Contains 1 MARVEL domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	51192
Other Names	C32; CKLF1; CKLF2; CKLF3; CKLF4; HSPC224; UCK-1; 1700001C14Rik; 1810018M11Rik; A730028G07Rik; CKLF5; Cklf6; CKLF_HUMAN; CKLF; CKLF_MOUSE; CKLF_RAT; chemokine like factor; chemokine-like factor 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	CKLF
Synonyms	CKLF1
Function	May play an important role in inflammation and regeneration of skeletal muscle (PubMed: 11415443). Essential for embryonic development (By similarity).
Cellular Location	[Isoform 1]: Secreted [Isoform 4]: Membrane; Multi-pass membrane protein
Tissue Location	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.

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