
Product Name: C32 Rabbit Polyclonal Antibody**Catalog #: APRab07745**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,ELISA |
| Reactivity | Human,Rat,Mouse |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|--------------------------------------|
| Dilution Ratio | WB 1:500-1:2000,ELISA 1:5000-1:20000 |
| Molecular Weight | 20kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | CKLF |
| Alternative Names | CKLF; CKLF1; HSPC224; Chemokine-like factor; C32 |
| Gene ID | 51192.0 |
| SwissProt ID | Q9UBR5 |
| Immunogen | Synthesized peptide derived from Chemokine-like factor at AA range: 103-152 |

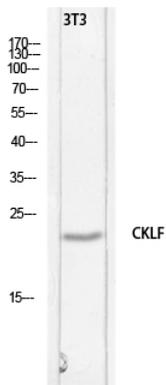
Background

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:Isoform CKLF1 has chemotactic response in rat monocytes, neutrophils, and lymphocytes.,function:May play an important role in inflammation and regeneration of skeletal muscle. Partly inhibited by interleukin 10.,similarity:Belongs to the chemokine-like factor family.,similarity:Contains 1 MARVEL domain.,tissue specificity:All 4 isoforms have highest expression levels in adult spleen, lungs, testis, ovary, peripheral blood leucocyte, 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.,

Research Area

Image Data



Western blot analysis of 3T3 lysis using CKLF antibody.. Secondary antibody was diluted at 1:20000