
Product Name: Eotaxin Rabbit Polyclonal Antibody**Catalog #: APRab10488**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
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 1:10000-1:20000
Molecular Weight	11kDa

Antigen Information

Gene Name	CCL11
Alternative Names	CCL11; SCYA11; Eotaxin; C-C motif chemokine 11; Eosinophil chemotactic protein; Small-inducible cytokine A11
Gene ID	6356.0
SwissProt ID	P51671
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CCL11. AA range:41-90

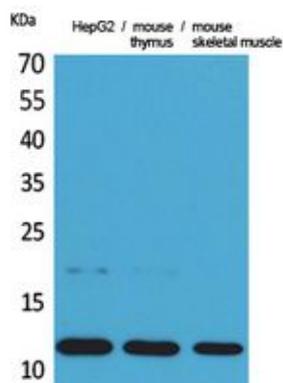
Background

This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, displays chemotactic activity for eosinophils, but not mononuclear cells or neutrophils. This eosinophil-specific chemokine is thought to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. [provided by RefSeq, Sep 2014],function:In response to the presence of allergens, this protein directly promotes the accumulation of eosinophils, a prominent feature of allergic inflammatory reactions. Binds to CCR3.,induction:By TNF-alpha, interleukin-1 alpha and interferon gamma.,online information:CCL11 entry,PTM:O-linked glycan consists of a Gal-GalNAc disaccharide which is modified with up to 2 sialic acid residues.,similarity:Belongs to the intercrine beta (chemokine CC) family.,

Research Area

Cytokine-cytokine receptor interaction;Chemokine;NOD-like receptor;Asthma;

Image Data



Western Blot analysis of HepG2, mouse thymus, mouse skeletal muscle cells using Eotaxin Polyclonal Antibody.. Secondary antibody was diluted at 1:20000