

CCL11 Rabbit pAb

Catalog # AP97869

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P51671
Other Accession	P51671
Reactivity	Mouse
Predicted	Rat, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10732
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Eotaxin 1
Epitope Specificity	24-97/97
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 intercrine beta (chemokine CC) family.
Post-translational modifications	O-linked glycan consists of a Gal-GalNAc disaccharide which is modified with up to 2 sialic acid residues.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for eosinophils, but not mononuclear cells or neutrophils. This eosinophil specific chemokine assumed to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. [provided by RefSeq, Jul 2008].

Additional Information

Gene ID	6356
Other Names	SCYA11; CCL11_HUMAN; CCL11; C-C motif chemokine 11; Eosinophil chemotactic protein; Small-inducible cytokine A11; C-C motif chemokine ligand 11; small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin); chemokine (C-C motif) ligand 11; eotaxin-1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	CCL11
Synonyms	SCYA11
Function	Chemokine that plays a central role in both allergic and non- allergic inflammatory reactions by inducing the migration of different leukocyte types including eosinophils, basophils, macrophages and dendritic cells (PubMed: 8597956 , PubMed: 33846499). Exerts its effects primarily by binding to the CCR3 receptor (PubMed: 8631813). Induces also chemotaxis of endothelial cells and promotes angiogenesis by activating the PI3K/Akt pathway (PubMed: 28279120).
Cellular Location	Secreted

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