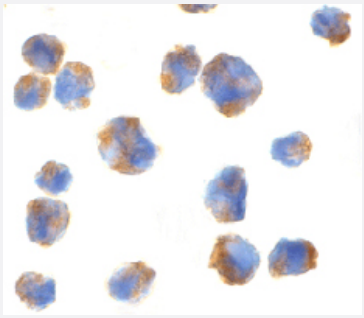
CCL11 polyclonal antibody

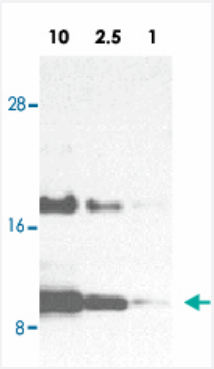
Catalog # PAB12824 Size 100 ug

Applications



Immunocytochemistry

Immunocytochemistry of CCL11 in 293 cells with CCL11 polyclonal antibody (Cat # PAB12824) at 5 ug/mL .



Western Blot (Transfected lysate)

Western blot analysis of CCL11 in HeLa cell lysate containing 10, 2.5, or 1 ng of full length recombinant CCL11 with CCL11 polyclonal antibody (Cat # PAB12824) at 1 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CCL11.
Immunogen	A synthetic peptide corresponding to C-terminus amino acids of human CCL11.
Host	Rabbit
Reactivity	Human
Specificity	The recombinant protein can be used as positive control and monomer and homodimer are detected at approximate 9 and 18 KDa.
Form	Liquid

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Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunocytochemistry

  Immunocytochemistry of CCL11 in 293 cells with CCL11 polyclonal antibody (Cat # PAB12824) at 5 ug/mL .

- Western Blot (Transfected lysate)

  Western blot analysis of CCL11 in HeLa cell lysate containing 10, 2.5, or 1 ng of full length recombinant CCL11 with CCL11 polyclonal antibody (Cat # PAB12824) at 1 ug/mL.

Gene Info — CCL11

Entrez GeneID	6356
Protein Accession#	CAB07027
Gene Name	CCL11
Gene Alias	MGC22554, SCYA11
Gene Description	chemokine (C-C motif) ligand 11
Omim ID	600807 601156 609423
Gene Ontology	Hyperlink
Gene Summary	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 pr ocesses. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine e ncoded by this gene displays chemotactic activity for eosinophils, but not mononuclear cells or ne utrophils. 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

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Other Designations	eosinophil chemotactic protein|eotaxin|small inducible cytokine A11|small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin)

Publication Reference

- Molecular cloning of human eotaxin, an eosinophil-selective CC chemokine, and identification of a specific eosinophil eotaxin receptor, CC chemokine receptor 3.

  Kitaura M, Nakajima T, Imai T, Harada S, Combadiere C, Tiffany HL, Murphy PM, Yoshie O.

  The Journal of Biological Chemistry 1996 Mar; 271(13):7725.

- CCR3 and CCR5 are co-receptors for HIV-1 infection of microglia.

  He J, Chen Y, Farzan M, Choe H, Ohagen A, Gartner S, Busciglio J, Yang X, Hofmann W, Newman W, Mackay CR, Sodroski J, Gabuzda D.

  Nature 1997 Feb; 385(6617):645.

  Application: Incubated, Recombinant protein

- The beta-chemokine receptors CCR3 and CCR5 facilitate infection by primary HIV-1 isolates.

  Choe H, Farzan M, Sun Y, Sullivan N, Rollins B, Ponath PD, Wu L, Mackay CR, LaRosa G, Newman W, Gerard N, Gerard C, Sodroski J.

  Cell 1996 Jun; 85(7):1135.

Pathway

- Asthma
- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Arthritis
- Asthma
- Atherosclerosis
- Birth Weight

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- Brain Ischemia
- Bronchial Hyperreactivity
- Bronchiolitis
- Calcinosis
- Cardiovascular Diseases
- Cerebral Infarction
- Chlamydia Infections
- Colitis
- Constriction
- Coronary Artery Disease
- Coronary Disease
- Dermatitis
- Diabetes Mellitus
- Disease Progression
- Edema
- Encephalomyelitis
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- HIV Infections
- Hypercholesterolemia
- Hypersensitivity
- Hypertension
- Infant
- Inflammation
- Intracranial Thrombosis

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- Kidney Failure
- Leukemia
- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X
- Migraine Disorders
- Multiple Sclerosis
- Myocardial Infarction
- Obesity
- Osteoporosis
- Ovarian Neoplasms
- Pulmonary Disease
- Recurrence
- Renal Insufficiency
- Respiratory Syncytial Virus Infections
- Stroke
- Trachoma
- Werner syndrome

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