

CCL3L1/CCL3 polyclonal antibody

Catalog # PAB6743

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CCL3L1/CCL3.
Immunogen	A synthetic peptide corresponding to human CCL3L1, CCL3.
Sequence	C-EWVQKYVSDLELSA
Host	Goat
Theoretical MW (kDa)	10.1, 10.2
Specificity	This product is expected to recognize the products of 2 different genes which are almost identical.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CCL3

Entrez GeneID [6348](#)**Protein Accession#** [NP_002974.1 \(Gene ID : 6348\);NP_066286.1 \(Gene ID : 6349\)](#)**Gene Name** CCL3**Gene Alias** G0S19-1, LD78ALPHA, MIP-1-alpha, MIP1A, SCYA3**Gene Description** chemokine (C-C motif) ligand 3**Omim ID** [182283 609423](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Macrophage inflammatory protein-1 is a so-called monokine that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes (Wolpe et al., 1988 [PubMed 3279154]). Sherry et al. (1988) [PubMed 3058856] demonstrated 2 protein components of MIP1, called by them alpha and beta.[supplied by OMIM]

Other Designations LD78 alpha beta|small inducible cytokine A3 (homologous to mouse Mip-1a)

Gene Info — CCL3L1

Entrez GeneID [6349](#)**Protein Accession#** [NP_002974.1 \(Gene ID : 6348\);NP_066286.1 \(Gene ID : 6349\)](#)**Gene Name** CCL3L1**Gene Alias** 464.2, D17S1718, G0S19-2, LD78, LD78BETA, MGC104178, MGC12815, MGC182017, MIP1AP, SCYA3L, SCYA3L1**Gene Description** chemokine (C-C motif) ligand 3-like 1**Omim ID** [601395 609423](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. This protein binds to several chemokine receptors including chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to CCR5 inhibits HIV entry. The copy number of this gene varies among individuals; most individuals have 1-6 copies in the diploid genome, although rare individuals have zero or more than six copies. The human genome reference assembly contains two full copies of the gene and a partial pseudogene. This record represents the more telomeric full-length gene. [provided by RefSeq]

Other Designations

small inducible cytokine A3-like 1

Publication Reference

- [The influence of CCL3L1 gene-containing segmental duplications on HIV-1/AIDS susceptibility.](#)

Gonzalez E, Kulkarni H, Bolivar H, Mangano A, Sanchez R, Catano G, Nibbs RJ, Freedman BI, Quinones MP, Bamshad MJ, Murthy KK, Rovin BH, Bradley W, Clark RA, Anderson SA, O'connell RJ, Agan BK, Ahuja SS, Bologna R, Sen L, Dolan MJ, Ahuja SK.

Science 2005 Mar; 307(5714):1434.

Pathway

- [Chemokine signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Cytokine-cytokine receptor interaction](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)

- [Carpal Tunnel Syndrome](#)
- [Cognition Disorders](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Neuropsychological Tests](#)
- [Pregnancy Complications](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Sarcoidosis](#)

- [Skin Diseases](#)
- [Substance Abuse](#)
- [Tuberculosis](#)