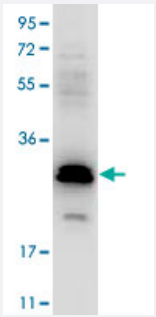
CCL20 polyclonal antibody

Catalog # PAB16925 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot using CCL20 polyclonal antibody (Cat # PAB16925) shows detection of a band ~26 KDa in size corresponding to recombinant human CCL20 (Lane 1). The identity of thelower molecular weight band is unknown. After transfer, the membrane was blocked overnightwith 3% BSA in TBS followed by reaction with primary antibody at a 1 : 1,000 dilution. Detection occurred using peroxidase conjugated anti-Rabbit IgG secondary antibody diluted 1 : 40,000 inblocking buffer for 30 min at RT followed by reaction with Femto Max™ chemiluminescent substrate. Image was captured using Versa Doc™ MP 4000 imaging system (Bio-Rad).

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant CCL20.
Immunogen	Recombinant protein corresponding to full length human CCL20.
Host	Rabbit
Reactivity	Human
Form	Lyophilized
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 20 mM KH_2PO_4, 150 mM NaCl, pH 7.2
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)

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Gene Info — CCL20

Entrez GeneID	6364
Gene Name	CCL20
Gene Alias	CKb4, LARC, MIP-3a, MIP3A, SCYA20, ST38
Gene Description	chemokine (C-C motif) ligand 20
Omim ID	601960
Gene Ontology	Hyperlink
Gene Summary	member 20
Other Designations	exodus-1|macrophage inflammatory protein 3 alpha|small inducible cytokine subfamily A (Cys-Cys), member 20

Publication Reference

- CCL20/CCR6 chemokine/receptor expression in bone tissue from osteoarthritis and rheumatoid arthritis patients: different response of osteoblasts in the two groups.

  Lisignoli G, Manferdini C, Codeluppi K, Piacentini A, Grassi F, Cattini L, Filardo G, Facchini A.

  Journal of Cellular Physiology 2009 Oct; 221(1):154.

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- Induction of CCL20 production by Kaposi sarcoma-associated herpesvirus: role of viral FLICE inhibitory protein K13-induced NF-kappaB activation.

  Punj V, Matta H, Schamus S, Yang T, Chang Y, Chaudhary PM.

  Blood 2009 Mar; 113(22):5660.

- C-C chemokine receptor 6-regulated entry of TH-17 cells into the CNS through the choroid plexus is required for the initiation of EAE.

  Reboldi A, Coisne C, Baumjohann D, Benvenuto F, Bottinelli D, Lira S, Uccelli A, Lanzavecchia A, Engelhardt B, Sallusto F.

  Nature Immunology 2009 Mar; 10(5):514.

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Birth Weight
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Leukemia
- Meningeal Neoplasms
- Meningioma

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