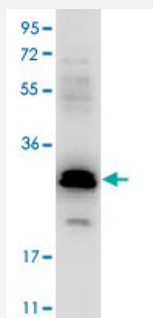


CCL20 polyclonal antibody

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 the lower molecular weight band is unknown. After transfer, the membrane was blocked overnight with 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 in blocking buffer for 30 min at RT followed by reaction with Fento 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 KH₂PO₄, 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.

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 the lower molecular weight band is unknown. After transfer, the membrane was blocked overnight with 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 in blocking 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).

- Enzyme-linked Immunoabsorbent Assay

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.

- [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](#)