





CXCR4 Polyclonal Antibody

Applications Gene Name CXCR4 Protein Name C-X-C cl (LCR1) (NPYRL Immunogen Synthetic Specificity CXCR4 Formulation Liquid in Source Polyclon Purification The antil affinity-c Dilution WB 1:10 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 Synonyms CXCR4; HM89; L LESTR; antigen of the concentration Observed Band Cell Pathway Cell mer Late end membra	Rat;Mouse IF The memokine receptor type 4 (CXC-R4) (CXCR-4) (FB22) (Fusin) (HM89) (Leukocyte-derived seven transmembrane domain receptor) (LESTR) (Stromal cell-derived factor 1 receptor) (SDF-1 receptor) CPeptide of CXCR4 AA range: 203-253
Reactivity Applications Gene Name CXCR4 Protein Name C-X-C cl (LCR1) (NPYRL Immunogen Specificity CXCR4 Formulation Source Purification The antil affinity-c Dilution Concentration The antil affinity-c Dilution Concentration The antil affinity-c Dilution Concentration Concentration The antil affinity-c Dilution Concentration	nemokine receptor type 4 (CXC-R4) (CXCR-4) (FB22) (Fusin) (HM89) Leukocyte-derived seven transmembrane domain receptor) (LESTR) (Stromal cell-derived factor 1 receptor) (SDF-1 r
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Purification The antil affinity-c Dilution WB 1:10 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 Synonyms CXCR4; HM89; L LESTR; antigen 0 Observed Band Cell Pathway Cell mer Late end membra	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-c Dilution WB 1:10 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 Synonyms CXCR4; HM89; L LESTR; antigen 0 Observed Band 50kD Cell Pathway Cell mentions	al, Rabbit,lgG
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Cell Pathway Cell mer Late end membra	C-X-C chemokine receptor type 4; CXC-R4; CXCR-4; FB22; Fusin; CR1; Leukocyte-derived seven transmembrane domain receptor; NPYRL; Stromal cell-derived factor 1 receptor; SDF-1 receptor; CD CD184
Late end membra	
to the im	nbrane ; Multi-pass membrane protein . Cell junction. Early endosome. losome. Lysosome. In unstimulated cells, diffuse pattern on plasma ne. On agonist stimulation, colocalizes with ITCH at the plasma
Tissue Specificity Express thymus, pancreas astrocyte	ne where it becomes ubiquitinated. In the presence of antigen, distributes munological synapse forming at the T-cell-APC contact area, where it at the peripheral and distal supramolecular activation cluster (SMAC).
Function alternative (PubMed neurope	ne where it becomes ubiquitinated. In the presence of antigen, distributes munological synapse forming at the T-cell-APC contact area, where it at the peripheral and distal supramolecular activation cluster (SMAC). ed in numerous tissues, such as peripheral blood leukocytes, spleen, spinal cord, heart, placenta, lung, liver, skeletal muscle, kidney, s, cerebellum, cerebral cortex and medulla (in microglia as well as in es), brain microvascular, coronary artery and umbilical cord endothelial form 1 is predominant in all tissues tested.



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cause of WHIM syndrome [MIM:193670]; also called warts,

hypogammaglobúlinemia, infections, and myelokathexis. WHIM syndrome is an immunodeficiency disease characterized by neutropenia,

hypogammaglobulinemia and extensive human papillomavirus (HPV) infection. Despite the peripheral neutropenia, bone marrow aspirates from affected

individuals contain abundant mature myeloid cells, a condition termed myelokathexis.,domain:The amino-terminus is critical for ligand binding. Residues in all four extracellular regions contribute to HIV-1 coreceptor

activity.,function:Receptor for the C-X-C chemokine CXCL12/SDF-1. Transduces a signal by increasing the intracellular calcium ions level.

Background

C-X-C motif chemokine receptor 4(CXCR4) Homo sapiens This gene encode a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein This gene encodes has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

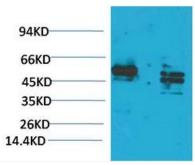
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

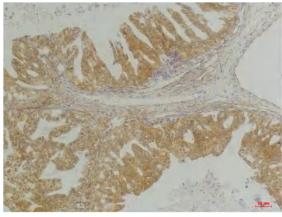


Products Images

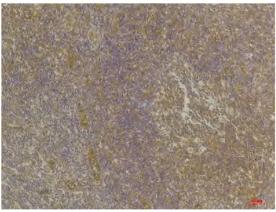
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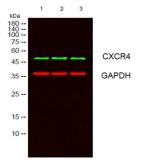
Western blot analysis of 1) Rat Brain Tissue, 2)Hela, with CXCR4 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using CXCR4Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using CXCR4Rabbit pAb diluted at 1:200.



Western blot analysis of lysates from 1) Rat Brain Tissue, 2)Hela, 3) HEK293 cells, (Green) primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat:RS23920)was diluted at 1:10000, 37° 1hour. (Red) GAPDH Monoclonal Antibody(2B8) (cat:YM3029) antibody was diluted at 1:5000 as loading control, 4° over night, secondary antibody(cat:RS23710)was diluted at 1:10000, 37° 1hour. 1hour.