Product Name: CKR-7 Rabbit Polyclonal Antibody
Catalog #: APRab08875
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
Molecular Weight	43kDa

Antigen Information

Gene Name	CCR7
Alternative Names	CCR7; CMKBR7; EBI1; EVI1; C-C chemokine receptor type 7; C-C CKR-7; CC-CKR-7; CCR-7; BLR2; CDw197; Epstein-Barr virus-induced G-protein coupled receptor 1; EBI1; EBV-induced G-protein coupled receptor 1; MIP-3 beta receptor; CD antigen CD19
Gene ID	1236.0
SwissProt ID	P32248
Immunogen	The antiserum was produced against synthesized peptide derived from human CCR7. AA range:170-219

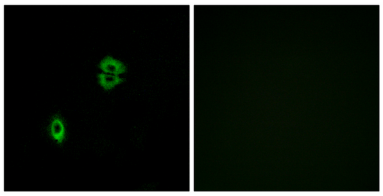
Background

The protein encoded by this gene is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2014],function:Receptor for the MIP-3-beta chemokine. Probable mediator of EBV effects on B-lymphocytes or of normal lymphocyte functions.,induction:By EBV.,online information:CC chemokine receptors entry,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in various lymphoid tissues and activated B- and T-lymphocytes, strongly up-regulated in B-cells infected with Epstein-Barr virus and T-cells infected with herpesvirus 6 or 7.,

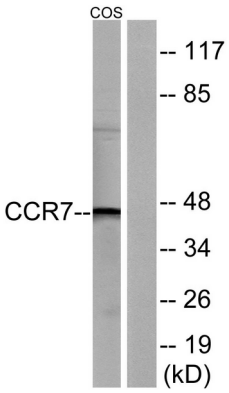
Research Area

Cytokine-cytokine receptor interaction;Chemokine;

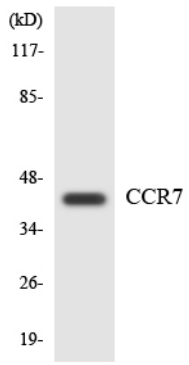
Image Data



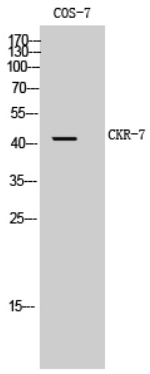
Immunofluorescence analysis of A549 cells, using CCR7 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using CCR7 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using CCR7 antibody.



Western Blot analysis of COS-7 cells using CKR-7 Polyclonal Antibody