

CKR-6 Polyclonal Antibody

Catalog No: YT5714

Reactivity: Human; Mouse

Applications: WB;ELISA

Target: CKR-6

Fields: >>Cytokine-cytokine receptor interaction;>>Viral protein interaction with

cytokine and cytokine receptor;>>Chemokine signaling pathway

Gene Name: CCR6

Protein Name: C-C chemokine receptor type 6

P51684

O54689

Human Gene Id: 1235

Human Swiss Prot

No:

Mouse Gene Id: 12458

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from the N-

terminal region of human CCR6. AA range:1-50

Specificity: CKR-6 Polyclonal Antibody detects endogenous levels of CKR-6 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 42kD

Cell Pathway: Cytokine-cytokine receptor interaction; Chemokine;

Background : This gene encodes a member of the beta chemokine receptor family, which is

predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dentritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the

same protein have been described for this gene. [provided by RefSeq, Jul 2008],

Function: caution:It is uncertain whether Met-1 or Met-6 is the initiator.,domain:Contains a

RS region (arginine-serine dipeptide repeat) within the C-terminal domain which is the hallmark of the SR family of splicing factors. This region probably plays a role in protein-protein interactions.,function:Receptor for a C-C type chemokine. Binds to MIP-3-alpha/LARC and subsequently transduces a signal by increasing the intracellular calcium ions level.,function:Transcriptional regulator which participates in regulating the pre-mRNA splicing process. Also modulates the expression of critical apoptotic factor, leading to cell apoptosis.,induction:By interleukin-2.,online information:CC chemokine receptors entry,similarity:Belongs to the cyclin family. Cyclin L subfamily.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with CDC2L1 or CDC2L2, SFRS2, SFRS7

and POLR2A, the h

Subcellular
Location:

Cell membrane ; Multi-pass membrane protein . Cell surface .

Expression: Sperm. Mainly localized in the tail and in the postacrosomal region but is also

found in the midpiece and basal region in a small percentage of sperm cells. Reduced levels found in the sperms of asthenozoospermia and leukocytospermia patients (at protein level). Spleen, lymph nodes, appendix, and fetal liver.

Expressed in lymphocytes, T-cells and B-cells but not in natural killer cells, monocytes or granulocytes.

Sort : 4071

No4: 1

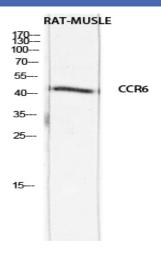
Host: Rabbit

Modifications: Unmodified

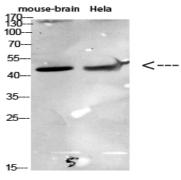
2/3



Products Images



Western blot analysis of RAT-MUSLE lysis using CCR6 antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000