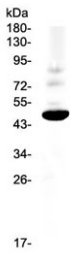
CCR1 Antibody (R32913)

Catalog No.	Formulation	Size
R32913	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P51675
Localization	Cytoplasmic, membranous
Applications	Western Blot: 0.5-1ug/ml
Limitations	This CCR1 antibody is available for research use only.



Western blot testing of rat PC-12 cell lysate with CCR1 antibody at 0.5ug/ml. Predicted molecular weight 40-45 kDa.

Description

C-C chemokine receptor type 1 is a protein that in humans is encoded by the CCR1 gene. 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 ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated

on activation normal T expressed and secreted protein (RANTES), monocyte chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPIF-1). Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. Knockout studies of the mouse homolog suggested the roles of this gene in host protection from inflammatory response, and susceptibility to virus and parasite.

Application Notes

Optimal dilution of the CCR1 antibody should be determined by the researcher.

Immunogen

A recombinant mouse protein corresponding to amino acids A168-T339 was used as the immunogen for the CCR1 antibody.

Storage

After reconstitution, the CCR1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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