

DNAxPAb

Hard-to-Find
Antibody

CCR1 DNAxPab

Catalog # H00001230-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CCR1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	METPNTTEDYDTTTEFDYGDATPCQKVNERAFGAQLLPPLYSLVFVIGLVGNILVVLVLVQYKRLKN MTSYLLNLAISDLLFLFTLPFWIDYKLDKDDWVFGDAMCKILSGFYTGlySEIFFILLTIDRYLAMHAV FALRARTVTFGVITSIIWALAILASMPGLYFSKTQWEFTHHTCSLHFPHESLREWKLFGALKLNLFGL LVLPLLVMICYTGIIKILLRRPNEKKSKAVRLIFVIMIFFLFWTPYNLTILISVFQDFLFTHCEQSRHLD LAVQVTEVIAYTHCCVNPVIYAFVGERFRKYLQRLFHRRVAVHLVKWLPFLSVDRLERVSSTSPST GEHELSAGF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CCR1

Entrez GeneID [1230](#)

GeneBank Accession# [NM_001295.2](#)

Protein Accession# [NP_001286.1](#)

Gene Name CCR1

Gene Alias CD191, CKR-1, CKR1, CMKBR1, HM145, MIP1aR, SCYAR1

Gene Description chemokine (C-C motif) receptor 1

Omim ID [601159](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. This gene and other chemokine receptor genes, including CCR2, CCRL2, CCR3, CCR5 and CXCR1, are found to form a gene cluster on chromosome 3p. [provided by RefSeq]

Other Designations RANTES receptor

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Birth Weight](#)

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Rhinitis](#)