

CCR10 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10870**Specification**

CCR10 Antibody - Product Information

Application	WB
Primary Accession	P46092
Other Accession	NP_057686
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38416

CCR10 Antibody - Additional Information**Gene ID** 2826

Application & Usage	Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. The anti-CCR10 antibody recognizes 50 kDa human CCR10 in Western blot analysis.
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Other Names

CCR10, CCR-10, CCR 10, CC chemokine receptor 10, chemokine (C-C motif) receptor 10, G protein-coupled receptor 2, GPCR2, GPCR 2, GPCR-2

Target/Specificity

CCR10

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

CCR10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CCR10 Antibody - Protein Information

Name CCR10

Synonyms GPR2

Function

Receptor for chemokines SCYA27 and SCYA28. Subsequently transduces a signal by increasing the intracellular calcium ions level and stimulates chemotaxis in a pre-B cell line.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed at high levels in adult testis, small intestine, fetal lung, fetal kidney. Weaker expression was observed in many other adult tissues including spleen, thymus, lymph node, Peyer patches, colon, heart, ovary, peripheral blood lymphocytes, thyroid and spinal cord. Also expressed by melanocytes, dermal fibroblasts, dermal microvascular endothelial cells. Also detected in T-cells and in skin- derived Langerhans cells.

CCR10 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCR10 Antibody - Images**CCR10 Antibody - Background**

Recently, a function has been assigned to a previously identified orphan chemokine receptor, GPR-2. This receptor, also called CCR10, binds with monocyte chemoattractant protein (MCP)-1, MCP-3 and MIP-1 beta. CCR10 is expressed by melanocytes, dermal fibroblasts, dermal microvascular endothelial cells, T cells as well as in skin-derived Langerhans cells. CCR10 may play a role in both skin homeostasis as well as a potential role in inflammatory responses.