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Datasheet for ABIN2789531
anti-CCR10 antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	CCR10
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Pig, Cow, Rabbit, Sheep, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCR10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ARALPAGPRP STPGAHLVS VIVWLLSLLL ALPALLFSQD GQREGQRRCR
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 93%, Rat: 86%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against CCR10. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CCR10
Alternative Name:	CCR10 (CCR10 Products)
Background:	Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related

Target Details

molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC, based on the arrangement of the first 2 of the 4 conserved cysteine residues, the 2 cysteines are separated by a single amino acid in CXC chemokines and are adjacent in CC chemokines. CCR10 is the receptor for CCL27, CCR10-CCL27 interactions are involved in T cell-mediated skin inflammation.

Alias Symbols: GPR2

Protein Interaction Partner: CCL28, CXCL13, CCL27, CCL25, CCL19, CCR7, CCL7, CCL2, PRRC2A, CCL21,

Protein Size: 362

Molecular Weight: 40 kDa

Gene ID: 2826

NCBI Accession: [NM_016602](#), [NP_057686](#)

UniProt: [P46092](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 362 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

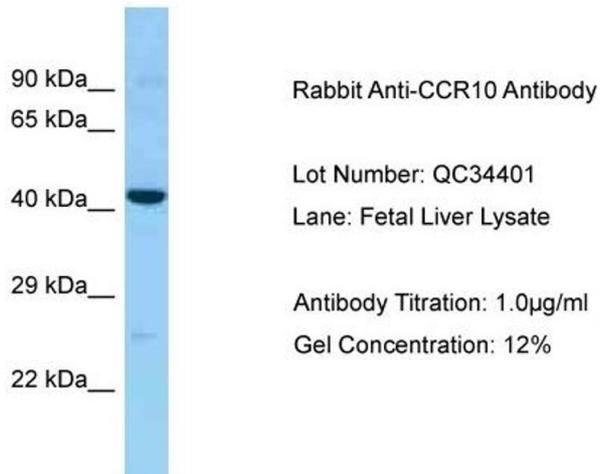
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-CCR10 Antibody

Lot Number: QC34401

Lane: Fetal Liver Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 1. Host: Rabbit Target Name: CCR10 Sample Type: Fetal Liver Antibody Dilution: 1.0ug/ml