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Anti-CCR9 Antibody

Catalog # ABO11428

Product Information

Application	WB
Primary Accession	P51686
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for C-C chemokine receptor type 9(CCR9) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	10803
Other Names	C-C chemokine receptor type 9, C-C CKR-9, CC-CKR-9, CCR-9, G-protein coupled receptor 28, GPR-9-6, CDw199, CCR9, GPR28
Calculated MW	42016
Application Details	Western blot, 0.1-0.5 □g/ml, Human
Subcellular Localization	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Highly expressed in the thymus and low in lymph nodes and spleen. .
Source	Eukaryota
Protein Name	C-C chemokine receptor type 9
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CCR9(1-17aa MTPTDFTSPIPNMADDY).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.

Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.

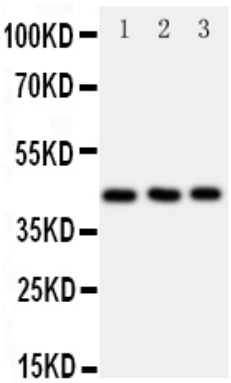
Protein Information

Name	CCR9
Synonyms	GPR28
Function	Receptor for chemokine SCYA25/TECK. Subsequently transduces a signal by increasing the intracellular calcium ions level.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Highly expressed in the thymus and low in lymph nodes and spleen.

Background

C-C chemokine receptor type 9, also called GPR-9-6 or CDw199, is a protein that in humans is encoded by the CCR9 gene. The protein encoded by this gene is a member of the beta chemoking receptor family. By radiation hybrid analysis and organization of BAC contigs by FISH on combed genomic DNA, the CCR9 gene within the CCR cluster was localized at 3p21.3. It is the receptor for chemokine SCYA25/TECK. This gene subsequently transduces a signal by increasing the intracellular calcium ions level. It is an alternative coreceptor with CD4 for HIV-1 infection. This gene may play a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract.

Images



Anti-CCR9 antibody, ABO11428, Western blottingAll lanes: Anti CCR9 (ABO11428) at 0.5ug/mlLane 1: JURKAT Whole Cell Lysate at 40ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: SMMC Whole Cell Lysate at 40ugPredicted bind size: 42KDObserved bind size: 42KD