

Rabbit CCR9 Polyclonal Antibody | anti-CCR9 antibody

CCR9 Antibody (C-term)

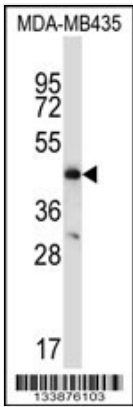
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289924	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot

PRODUCT SYNONYMS

CCR9; Polyclonal Antibody; CCR9 Antibody (C-term); C-C chemokine receptor type 9; C-C CKR-9; CC-CKR-9; CCR-9; G-protein coupled receptor 28; GPR-9-6; CDw199; GPR28; anti-CCR9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCR9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 306-334 amino acids from the C-terminal region of human CCR9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Positions	306-334
Sequence Length	357
Applicable Applications for anti-CCR9 antibody	WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Antigen Region	306-334
Function	Receptor for chemokine SCYA25/TECK. Subsequently transduces a signal by increasingly transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.
Cellular location	Cell membrane; Multi-pass membrane protein.
Tissue location	Highly expressed in the thymus and low in lymph nodes and spleen.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
CCR9 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the CCR9 antibody detected the CCR9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CCR9 antibody	The protein encoded by this gene is a member of the beta chemokine receptor family. It is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are key regulators of the thymocytes migration and maturation in normal and inflammation conditions. The specific ligand of this receptor is CCL25. It has been found that this gene is differentially expressed by T lymphocytes of small intestine and colon, suggested a role in the thymocytes recruitmentand development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract. This gene is mapped to the chemokine receptor gene cluster region. Two alternatively spliced transcript variants have been described.
Product Categories/Family for anti-CCR9 antibody	Immunology; Metabolism; Signal Transduction; Autophagy
References	Han, S., et al. Hum. Immunol. 71(7):727-730(2010) Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010) Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010) Segat, L., et al. Vaccine 28(10):2201-2206(2010) Wang, Y., et al. Cell. Mol. Immunol. 7(1):51-60(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	373838705
NCBI GeneID	10803
NCBI Accession #	NP_001243298.1; NP_006632.2; NP_112477.1
NCBI GenBank Nucleotide #	NM_001256369.1
UniProt Accession #	P51686; Q4VBM3; Q549E0; Q9UQQ6
Molecular Weight	42016
NCBI Official Full Name	C-C chemokine receptor type 9 isoform B
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 9
NCBI Official Symbol	CCR9
NCBI Official Synonym Symbols	GPR28; CDw199; GPR-9-6; CC-CKR-9
NCBI Protein Information	C-C chemokine receptor type 9
UniProt Protein Name	C-C chemokine receptor type 9
UniProt Gene Name	CCR9

UniProt Synonym Gene Names	GPR28; C-C CKR-9; CC-CKR-9; CCR-9
UniProt Entry Name	CCR9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ccr9-antibody-western-blot-elisa/289924>