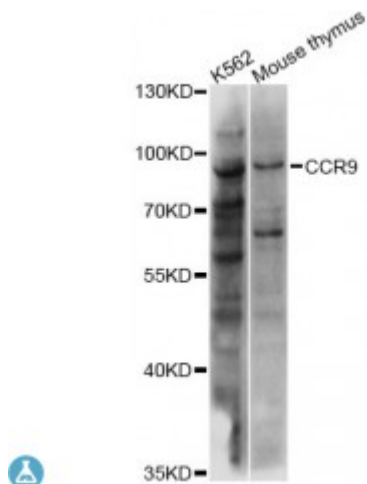


Anti-CCR9 Antibody



Description

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 recruitment and 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. Multiple transcript variants encoding different isoforms have been found for this gene.

Model	STJ117048
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CCR9 (NP_112477.1).
Gene ID	10803
Gene Symbol	CCR9
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Highly expressed in the thymus and low in lymph nodes and spleen

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	C-C chemokine receptor type 9 C-C CKR-9 CC-CKR-9 CCR-9 G-protein coupled receptor 28 GPR-9-6 CD antigen CDw199
Molecular Weight	42.016 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16100MIM:604738Reactome:R-HSA-380108
Alternative Names	C-C chemokine receptor type 9 C-C CKR-9 CC-CKR-9 CCR-9 G-protein coupled receptor 28 GPR-9-6 CD antigen CDw199
Function	Receptor for chemokine SCYA25/TECK, Subsequently transduces a signal by increasing the intracellular calcium ions level,
Cellular Localization	Cell membrane

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