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## anti-CCR9 antibody (AA 1-100)





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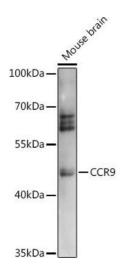
Quantity:	100 μL
Target:	CCR9
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCR9 antibody is un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

Purpose:	CCR9 Rabbit pAb	
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CCR9 (NP_112477.1).	
Sequence:	MTPTDFTSPI PNMADDYGSE STSSMEDYVN FNFTDFYCEK NNVRQFASHF LPPLYWLVFI VGALGNSLVI LVYWYCTRVK TMTDMFLLNL AIADLLFLVT	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	
Purification:	Affinity purification	

### **Target Details**

Target:	CCR9		
Alternative Name:	CCR9 (CCR9 Products)		
Background:	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.,CCR9,CC-CKR-9,CDw199,GPR-9-6,GPR28,Signal		
	Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Immunology &		
	Inflammation,CD markers,Cell Intrinsic Innate Immunity Signaling		
	Pathway,Chemokines,Chemokine,CCR9		
Molecular Weight:	40kDa/42kDa		
Gene ID:	10803		
UniProt:	P51686		
Application Details			
Application Notes:	WB,1:500 - 1:2000		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Storage:	-20 °C		
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.		



#### **Western Blotting**

Image 1. Western blot analysis of extracts of Mouse brain, using CCR9 antibody (ABIN7266312) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.