

For Research Use Only

CCR9 Polyclonal antibody

Catalog Number: 21018-1-AP



Basic Information

Catalog Number: 21018-1-AP	GenBank Accession Number: BC069678	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 610 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10803	Recommended Dilutions: WB: 1:500-1:1000
Source: Rabbit	UNIPROT ID: P51686	
Isotype: IgG	Full Name: chemokine (C-C motif) receptor 9	
Immunogen Catalog Number: AG15268	Calculated MW: 369 aa, 42 kDa	
	Observed MW: 38-40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, K-562 cells, U-87 MG cells
Species Specificity: human	

Background Information

CCR9 is a Gi-coupled chemokine receptor that directs T cell migration to the small intestine through interaction with CCL25, playing an essential role in thymocyte development and mucosal immune surveillance. Dysregulation of CCR9 signaling contributes to intestinal inflammatory diseases and hematologic malignancies, highlighting its importance in tissue-specific lymphocyte homing and immune regulation.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

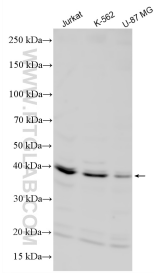
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21018-1-AP (CCR9 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.