

For Research Use Only

# CCR9 Polyclonal antibody

Catalog Number: 21018-1-AP



## Basic Information

<b>Catalog Number:</b> 21018-1-AP	<b>GenBank Accession Number:</b> BC069678	<b>Purification Method:</b> Antigen Affinity purified
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 10803	<b>Recommended Dilutions:</b> WB: 1:500-1:1000
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P51686	
<b>Immunogen Catalog Number:</b> AG15268	<b>Full Name:</b> chemokine (C-C motif) receptor 9	
	<b>Calculated MW:</b> 369 aa, 42 kDa	
	<b>Observed MW:</b> 38-40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, K-562 cells, U-87 MG cells
<b>Species Specificity:</b> 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

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

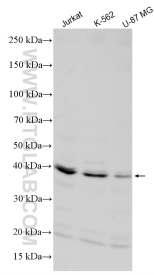
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## Selected Validation Data



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.