

For Research Use Only

# CAMP Recombinant antibody

Catalog Number: 82940-1-RR **1 Publications**



## Basic Information

<b>Catalog Number:</b> 82940-1-RR	<b>GenBank Accession Number:</b> BC055089	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 820	<b>CloneNo.:</b> 230157B4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P49913	<b>Recommended Dilutions:</b> WB 1:1000-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> cathelicidin antimicrobial peptide	
<b>Immunogen Catalog Number:</b> AG2622	<b>Calculated MW:</b> 170 aa, 19 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human saliva, mouse lung tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> rat	

## Background Information

CAMP is a member of an antimicrobial peptide family, characterized by a highly conserved N-terminal signal peptide containing a cathelin domain and a structurally variable cationic antimicrobial peptide, which is produced by extracellular proteolysis from the C-terminus. In addition to its antibacterial, antifungal, and antiviral activities, the encoded protein functions in cell chemotaxis, immune mediator induction, and inflammatory response regulation. CAMP encodes the 18-kDa proprotein hCAP18. FALL-39 and LL-37 are the mature cathelicidin peptides. This antibody can recognize all the proprotein and cleaved species.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qiang-Qiang Fan	39214192	J Ethnopharmacol	WB

## Storage

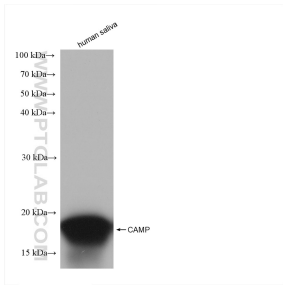
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

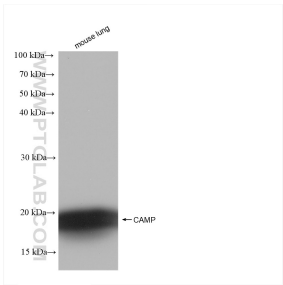
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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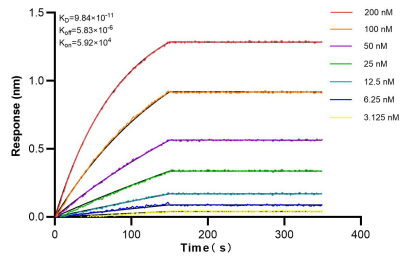
## Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 82940-1-RR (CAMP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



mouse lung tissue were subjected to SDS PAGE followed by western blot with 82940-1-RR (CAMP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82940-1-RR against Human ADAMDEC1 were performed. The affinity constant is 98.4 pM.