

For Research Use Only

CAMP Recombinant antibody

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



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human saliva, mouse lung tissue
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: 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

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

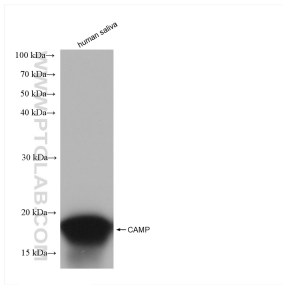
T: 4006900926

E: Proteintech-CN@ptglab.com

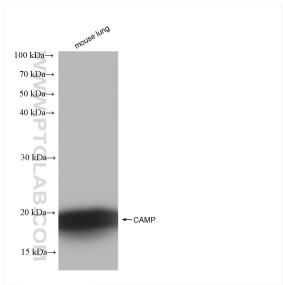
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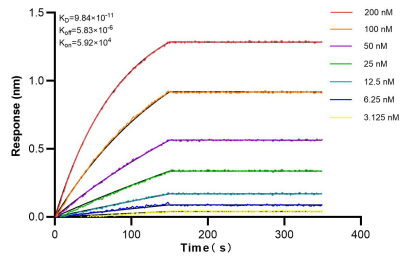
Selected Validation Data



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.