

CAMP Rabbit pAb

Catalog NO.: A15653

3 Publications

Basic Information

Observed MW

5 kDa(mature form), 16/18kDa(precursor)

Calculated MW

19 kDa

Category

Polyclonal Antibodies

Applications

WB, IF-P, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

This gene encodes 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. The protein plays an important role in innate immunity defense against viruses. In addition to its antibacterial, antifungal, and antiviral activities, the encoded protein functions in cell chemotaxis, immune mediator induction, and inflammatory response regulation.

Recommended Dilutions

WB	1:500 - 1:5000
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IF-P	1:50 - 1:200
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IHC-P	1:50 - 1:200
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ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
820	P49913

Immunogen

This information is considered to be commercially sensitive.

Synonyms

LL37; CAP18; CRAMP; HSD26; CAP-18; FALL39; FALL-39; CAMP

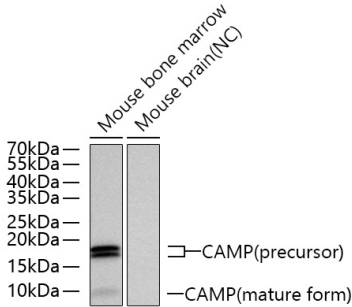
Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.		

Validation Data



Western blot analysis of various lysates using CAMP Rabbit pAb (A15653) at 1:5000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

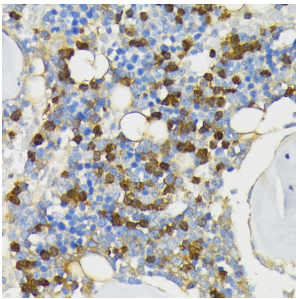
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

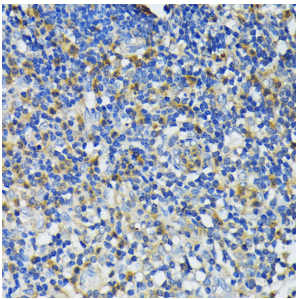
Detection: ECL Basic Kit (RM00020).

Negative control (NC): Mouse brain.

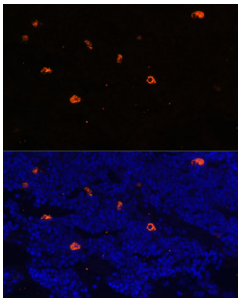
Exposure time: 1 s.



Immunohistochemistry analysis of paraffin-embedded Rat bone marrow using CAMP Rabbit pAb (A15653) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human appendix using CAMP Rabbit pAb (A15653) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded rat bone marrow using CAMP Rabbit pAb (A15653) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

