

Cathelicidin Rabbit mAb
Catalog # AP75201**Specification**

Cathelicidin Rabbit mAb - Product Information

Application	WB
Primary Accession	P49913
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	19301

Cathelicidin Rabbit mAb - Additional Information**Gene ID** 820**Other Names**
CAMP**Dilution**
WB~~1/500-1/1000**Format**
Liquid**Cathelicidin Rabbit mAb - Protein Information****Name** CAMP ([HGNC:1472](#))**Function**

Antimicrobial protein that is an integral component of the innate immune system (PubMed: [14978112](http://www.uniprot.org/citations/14978112), PubMed: [16637646](http://www.uniprot.org/citations/16637646), PubMed: [18818205](http://www.uniprot.org/citations/18818205), PubMed: [22879591](http://www.uniprot.org/citations/22879591), PubMed: [9736536](http://www.uniprot.org/citations/9736536)). Binds to bacterial lipopolysaccharides (LPS) (PubMed: [16637646](http://www.uniprot.org/citations/16637646), PubMed: [18818205](http://www.uniprot.org/citations/18818205)). Acts via neutrophil N-formyl peptide receptors to enhance the release of CXCL2 (PubMed: [22879591](http://www.uniprot.org/citations/22879591), PubMed: [22879591](http://www.uniprot.org/citations/22879591)). Postsecretory processing generates multiple cathelicidin antimicrobial peptides with various lengths which act as a topical antimicrobial defense in sweat on skin (PubMed: [14978112](http://www.uniprot.org/citations/14978112), PubMed: [14978112](http://www.uniprot.org/citations/14978112)). The unprocessed precursor form, cathelicidin antimicrobial peptide, inhibits the growth of Gram-negative E.coli and E.aerogenes with efficiencies comparable to that of the mature peptide LL-37 (in vitro) (PubMed: [9736536](http://www.uniprot.org/citations/9736536), PubMed: [9736536](http://www.uniprot.org/citations/9736536)).

Cellular Location

Secreted. Vesicle. Note=Stored as pro-peptide in granules and phagolysosomes of neutrophils (PubMed:7529412, PubMed:9736536). Secreted in sweat onto skin (PubMed:14978112).

Tissue Location

Expressed in neutrophilic granulocytes (at protein level) (PubMed:7529412, PubMed:7615076, PubMed:7890387, PubMed:8681941, PubMed:8946956, PubMed:9736536). Expressed in bone marrow (PubMed:7890387). [Antibacterial peptide FALL-39]: Expressed in bone marrow and testis.

Cathelicidin Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cathelicidin Rabbit mAb - Images

