

Rabbit anti-Human Cathelicidin Polyclonal Antibody | anti-CAMP antibody

Cathelicidin Antibody

CATALOG # AAA306374	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

Cathelicidin; Polyclonal Antibody; Cathelicidin Antibody; Cathelicidin antimicrobial peptide; Cationic antimicrobial protein; CAP18; FALL39; hCAP-18; HSD26; LL37; anti-CAMP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	173
Applicable Applications for anti-CAMP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the carboxy terminus of the human Cathelicidin.
Target Name	Cathelicidin
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Cathelicidin in human spleen tissue with Cathelicidin antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of Cathelicidin in Human spleen tissue lysate with Cathelicidin antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CAMP antibody

One component of host defense at mucosal surfaces is epithelial-derived antimicrobial peptides. Cathelicidins are one family of antimicrobial peptides characterized by conserved pro-peptide sequences that have been identified in epithelial tissues and some myeloid cells of humans and animals. LL-37/hCAP-18 is the only Cathelicidin found in humans and is expressed in inflammatory and epithelial cells. The presence of these molecules is essential for defense against invasive bacterial infection in skin. Besides their direct antimicrobial function, Cathelicidins have multiple roles in mediating innate and adaptive immunity, such as endotoxin neutralizing, angiogenesis, wound healing and promoting neutrophil chemotaxis and mast cell recruitment. Finally, Cathelicidin antimicrobial peptides qualify as prototypes of innovative drugs that may be used to treat infection and/or modulate the immune response.

NCBI AND UNIPROT INFORMATION

NCBI GI #	348041314
NCBI GeneID	820
NCBI Accession #	NP_004336
NCBI GenBank Nucleotide #	NM_004345.4
Molecular Weight	19,301 Da
NCBI Official Full Name	cathelicidin antimicrobial peptide preproprotein
NCBI Official Synonym Full Names	cathelicidin antimicrobial peptide
NCBI Official Symbol	CAMP
NCBI Official Synonym Symbols	LL37; CAP18; CRAMP; HSD26; CAP-18; FALL39; FALL-39
NCBI Protein Information	cathelicidin antimicrobial peptide
UniProt Protein Name	Cathelicidin antimicrobial peptide
UniProt Gene Name	CAMP
UniProt Synonym Gene Names	CAP18; FALL39; CAP-18; hCAP-18
UniProt Entry Name	CAMP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cathelicidin-antibody-immunohistochemistry-western-blot-elisa/306374>