

Product datasheet for **TA364351**

Camp Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against CRAMP. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Ile-Ser-Arg-Leu-Ala-Gly-Leu-Leu-Arg-Arg-Gly-Gly- Glu-Lys-Ile-Gly-Glu-Lys-Ile-Gly-Glu-Lys-Leu-Lys-Lys-Gly-Gln-Lys-Ile- Lys-Asn-Phe-Phe-Gln-Lys-Leu-Val-Pro-Gln-Phe-Glu-OH coupled to carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	cathelicidin antimicrobial peptide
Database Link:	Entrez Gene 12796 Mouse P51437
Background:	CRAMP (Cathelin-Related Anti-Microbial Peptide) is the mouse analogue of human LL-37 peptide, which is the antibacterial C-terminus of hCAP-18 (human cathelicidin). It is a polypeptide that is primarily stored in the lysosomes of macrophages and polymorphonuclear leukocytes (PMNs). CRAMP forms an amphipathic α -helix similar to other antimicrobial peptides. Abundant expression of CRAMP is found in myeloid precursors and neutrophils. CRAMP serves a critical role in mammalian innate immune defense against invasive bacterial infection. This antibody was generated by immunization of rabbits with CRAMP coupled to a carrier protein.
Synonyms:	CAP-18; CAP18; CRAMP; FALL-39; FALL39; hCAP-18; HSD26; LL37



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