

Product datasheet for **TA364349**

LL-37 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Cholecystokinin Octapeptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Leu-Leu-Gly-Asp-Phe-Phe-Arg-Lys-Ser-Lys-Glu- Lys-Ile-Gly-Lys-Glu-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu- Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser-NH ₂ coupled to a carrier protein.
Formulation:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
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.
Background:	LL-37 is an antimicrobial peptide that belongs to the cathelicidin family of peptides. This peptide corresponds to the sequence of the first amphipathic alpha-helical peptide isolated from human. LL-37 plays an important role in the first line of defense against local infection and systemic invasion of pathogens at sites of inflammation and wounds. Also, LL-37 is significantly resistant to proteolytic degradation in solution. This antibody was generated by immunization of rabbits with LL-37 coupled to a carrier protein.



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