

Product datasheet for **TA363899**

Kininogen 1 (KNG1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Bradykinin. 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-Arg-Pro-Pro-Gly-Phe-Ser-Pro-Phe-Arg-OH coupled to a carrier protein.
Formulation:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
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:	kininogen 1
Database Link:	Entrez Gene 3827 Human P01042
Background:	Bradykinin is a 9 amino acid, biologically active peptide within the kinin group of proteins that promotes inflammation. During inflammation, it is released locally from mast cells and basophils following tissue damage. It has been shown to sensitize capsaicin / temperature TRPV1 receptors, thus lowering the temperature threshold at which they activate. This antibody was generated by immunization of rabbits with Bradykinin coupled to a carrier protein.
Synonyms:	BDK; bradykinin; HMWK; kininogen; KNG



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