

Product datasheet for **TA364357**

Hemopressin Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Hemopressin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Bovine, Porcine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Pro-Val-Asn-Phe-Lys-Leu-Leu-Ser-His-OH 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:	Hemopressin is an alpha hemoglobin fragment originally identified in extracts of rat brain using an enzyme capture technique. It binds cannabinoid receptors, acting as an inverse agonist at CB1 receptors. Longer forms of hemopressin containing 2-3 additional amino acids on the N-terminus have been identified in extracts of mouse brain. Hemopressin peptide reduces sensitivity to painful stimuli in an experimental model of hyperalgesia. Also, it reduces food intake in mice. This antibody was generated by immunization of rabbits with Hemopressin coupled to a carrier protein.



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