



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Hemopressin

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4863 (Lot A04656)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human, Porcine, Bovine
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Pro-Val-Asn-Phe-Lys-Leu-Leu-Ser-His-OH coupled to a carrier protein.
Protein database:	n/a

Cross-Reactivity:

PEPTIDE:	%:
Hemopressin (human, bovine, porcine)	100
Extracellular Death Factor (EDF) <i>E. coli</i> (negative control)	0

Crossreactivity taken from Enzyme immunoassay application.

Applications:

Tested in ELISA against Hemopressin and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Approximate working dilution for IHC:

Paraffin sections: (1:800); pretreatment with Proteinase K for antigen retrieval is recommended.

Optimal dilutions should be determined by the end user.

Please see **www.bma.ch** for protocols and general information

Related Products:

S-1327: ELISA, high sensitivity for extracted samples

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.