



BMA BIOMEDICALS



Peninsula Laboratories

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## T-5048

### Guinea Pig anti (Arg<sup>8</sup>)-Vasopressin (human, mouse, rat bovine, guinea pig, rabbit) [UniProt: P01185]

(Arg<sup>8</sup>)-Vasopressin or argipressin is an antidiuretic peptide hormone that plays a key role in maintaining plasma osmolality. The peptide released from the posterior pituitary gland promotes renal tubular reabsorption of water. In high concentration, it also raises blood pressure by inducing moderate vasoconstriction. Argipressin is involved in the control of circadian rhythm, thermoregulation, and ACTH release in the brain.

This antibody was generated by immunization of guinea pigs with (Arg<sup>8</sup>)-Vasopressin coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A23PO025094
<b>Host species:</b>	Guinea pig IgG
<b>Quantity:</b>	50µl
<b>Format:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum; does not contain any preservative.
<b>Stability:</b>	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.
<b>Applications:</b>	This antibody has been tested in immunohistochemistry (IHC) and in ELISA. Other applications like FACS or Western Blot may work as well. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
	<b>Approximate working dilution for IHC:</b> Paraffin sections: (1:800) after proteinase K pretreatment. Optimal dilutions should be determined by the end user.
<b>Immunogen:</b>	Synthetic peptide H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Arg-Gly-NH <sub>2</sub> , (disulfide bond) coupled to carrier protein.

Related Products: T-4562: purified rabbit IgG  
T-4563: neat antiserum, host: rabbit  
S-1357: ELISA, extraction-free for human samples  
S-1358: ELISA, extraction-free for rat samples

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This product contains no preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.