



BMA BIOMEDICALS



Peninsula Laboratories

T-5021

Guinea pig anti Oxytocin [UniProt: H0UWV4]

Oxytocin is a neuropeptide hormone produced by the hypothalamus and secreted by the pituitary gland. It is derived by enzymatic cleavage from the peptide precursor encoded by the human OXT gene. Oxytocin is released into the bloodstream as a hormone in response to stretching of the cervix and uterus during labor and it plays an important role in the childbirth process and also helps with male reproduction. Oxytocin is derived by enzymatic cleavage from the peptide precursor encoded by the human OXT gene.

This antibody was generated by immunization of guinea pigs with Oxytocin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A18PO23003
Host species:	Guinea pig IgG
Quantity:	50µl
Format:	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.
Stability:	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.
Applications:	This antibody has been tested in immunohistochemistry (IHC). Other applications like ELISA, FACS or Western Blot may work as well. Please see www.bma.ch for protocols and general information.
	Approximate working dilution for IHC: Paraffin sections: (1:800) after proteinase K pretreatment. Optimal dilutions should be determined by the end user.
Immunogen:	Synthetic peptide H-Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Arg-Gly-NH ₂ , (disulfide bond) coupled to carrier protein.

Related Products: T-4562: purified rabbit IgG
T-4563: neat antiserum, host: rabbit
S-1234: ELISA, high sensitivity for extracted samples
S-1357: ELISA, extraction-free for human samples
S-1358: ELISA, extraction-free for rat samples

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.

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neat antiserum

23.01.2023