

Product datasheet for **TA363824**

Oxytocin neurophysin 1 (OXT) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	E
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH ₂ , (Disulfide bond) coupled to carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized. Contains no preservatives.
Reconstitution Method:	Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
Conjugation:	Unconjugated
Storage:	Upon receipt, store lyophilized at 4-8 °C or below. After reconstitution, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	oxytocin/neurophysin I prepropeptide
Database Link:	P01178
Background:	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.
Synonyms:	MGC126890; MGC126892; OT; OT-NPI



[View online »](#)