

## Product datasheet for **AP32077PU-N**

### Oxytocin neurophysin 1 (OXT) (C-term) Goat Polyclonal Antibody

#### Product data:

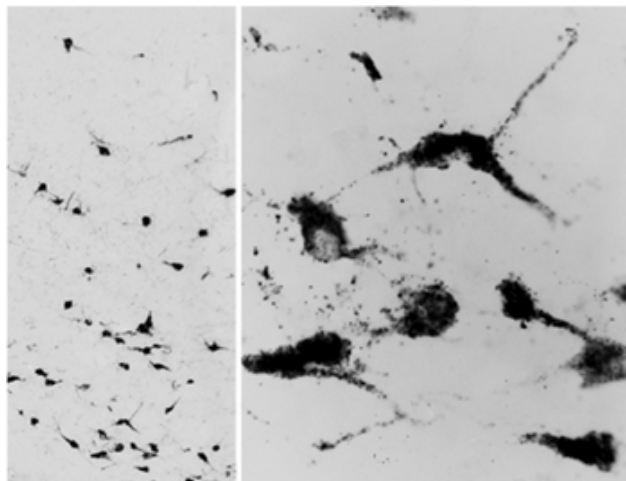
Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	<b>Peptide ELISA:</b> 1/4000 (Detection Limit). <b>Western Blot:</b> Preliminary experiments in Human Brain (Cerebellum, Amygdala) lysates gave no specific signal but low background (at antibody concentration up to 1 µg/ml). <b>Immunohistochemistry on Frozen Sections:</b> 0.05-0.15 µg/ml. Frozen section of Human Hypothalamus shows staining of magnocellular oxytocin neurons in the supraoptic nucleus.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the C-Terminus of Human Oxytocin (NP_000906.1).
Specificity:	This antibody detects Oxytocin at C-term.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	oxytocin/neurophysin I prepropeptide
Database Link:	<a href="#">Entrez Gene 5020 Human P01178</a>



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Synonyms: OXT, Ocytocin

**Product images:**



Oxytocin Antibody staining of PFA-perfused cryosection of Human Hypothalamus at 0.05 ug/ml. Antigen retrieval with citrate buffer pH 6 at 80°C for 30min, HRP-staining with Ni-DAB after Biotin-SP-anti-goat amplification. Data obtained by Prof. Erik Hrabovszky, Inst, Exp, Med., Budapest, Hungary.