

OXT Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2870a**Specification**

OXT Antibody (C-Term) - Product Information

Application	IHC, E
Primary Accession	P01178
Other Accession	NP_000906.1 , 5020
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	12722

OXT Antibody (C-Term) - Additional Information**Gene ID** 5020**Other Names**

Oxytocin-neurophysin 1, OT-NPI, Oxytocin, Ocytocin, Neurophysin 1, OXT, OT

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OXT Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

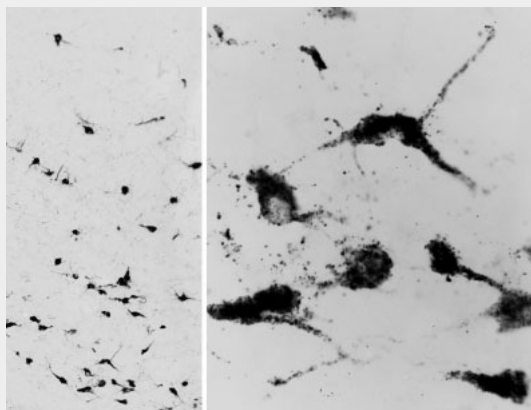
OXT Antibody (C-Term) - Protein Information**Name** OXT**Synonyms** OT**Function**

Neurophysin 1 specifically binds oxytocin.

Cellular Location
Secreted.**OXT Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OXT Antibody (C-Term) - Images

AF2870a (0.05 µg/ml) staining of PFA-perfused cryosection of Human Hypothalamus. Antigen retrieval with citrate buffer pH 6 at 80C for 30min, HRP-staining with Ni-DAB after Biotin-SP-antigoat amplification. Data obtained by Prof. Erik Hrabovszky, Inst, Exp, Med., Budapest, Hungary.

OXT Antibody (C-Term) - References

Hypothalamic oxytocin mRNA expression and melancholic depression. Meynen G, Unmehopa UA, Hofman MA, Swaab DF, Hoogendijk WJ. Mol Psychiatry. 2007 Feb;12(2):118-9. No abstract available. PMID: 17252002