

Product Datasheet

Oxytocin/Neurophysin I Antibody

NBP1-52131

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-52131**Oxytocin/Neurophysin I Antibody****Product Information**

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

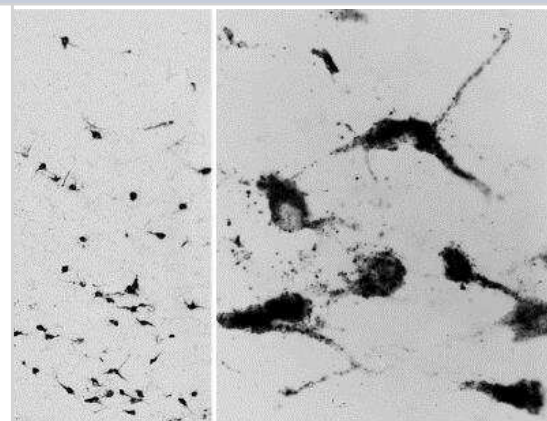
Host	Goat
Gene ID	5020
Gene Symbol	OXT
Species	Human
Immunogen	Peptide with sequence HADPACDAEATFSQR corresponding to C-Terminus according to NP_000906.1.

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Frozen, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 0.05 - 0.15 ug/mL, Immunohistochemistry-Frozen 0.05 - 0.15 ug/mL, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Preliminary experiments in human brain (cerebellum, amygdala) lysates gave no specific signal but low background. IHC-Fr: Human hypothalamus shows staining of magnocellular oxytocin neurons in the supraoptic nucleus.

Images

Immunohistochemistry-Frozen: Oxytocin/Neurophysin I Antibody [NBP1-52131] - PFA-perfused cryosection of human hypothalamus. Oxytocin/Neurophysin I antibody at 0.05 ug/mL. Antigen retrieval with citrate buffer pH 6 at 80C for 30min, HRP-staining with Ni-DAB after Biotin-SP-anti-goat amplification. Data obtained by Prof. Erik Hrabovszky, Inst, Exp, Med., Budapest, Hungary.

**Publications**

Meynen G, Unmehopa UA, Hofman MA et al. Hypothalamic oxytocin mRNA expression and melancholic depression. Mol Psychiatry 2007-02-01 [PMID: 17252002]



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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-68928PEP	Oxytocin/Neurophysin I Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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