antibodies .- online.com







anti-OXT antibody (C-Term)



Image



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Purification:

Grade:

Quantity:	100 μg
Target:	OXT
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This OXT antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)
Product Details	
Purpose:	OXT
Immunogen:	Peptide with sequence HADPACDAEATFSQR, from the C Terminus of the protein sequence according to NP_000906.1.
Sequence:	HADPACDAEA TFSQR
Isotype:	IgG
Cross-Reactivity:	Human

chromatography using the immunizing peptide.

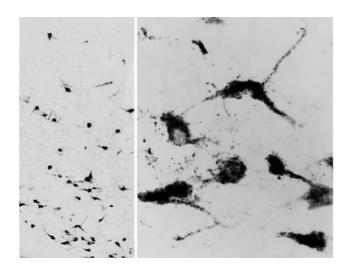
Verified

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Target Details

l'arget Details		
Target:	OXT	
Alternative Name:	OXT (OXT Products)	
Background:	OXT, oxytocin, prepro- (neurophysin I), MGC126890, MGC126892, OT, OT-NPI, oxytocin-neurophysin I, oxytocin-neurophysin I, preproprotein	
Gene ID:	5020	
NCBI Accession:	NP_000906	
Pathways:	Myometrial Relaxation and Contraction, Feeding Behaviour	
Application Details		
Application Notes:	Immunohistochemistry: Frozen section of Human Hypothalamus shows staining of	
	magnocellular oxytocin neurons in the supraoptic nucleus. Recommended concentration, 0.05	
	0.15 μg/mL.	
	Peptide ELISA: antibody detection limit dilution 1:4000.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Minimize freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated	

at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN335155 (0.05µg/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, Ex