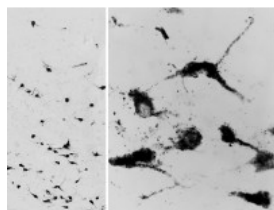




OXT Antibody

CATALOG NUMBER: 42-761



Immunohistochemistry (0.05ug/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

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P
APPLICATIONS:	ELISA: antibody detection limit dilution 1:4000. Western Blot: Preliminary experiments in Human Brain (Cerebellum, Amygdala) lysates gave no specific signal but low background (at antibody concentration up to 1ug/ml). We would appreciate any feedback from people in the field - have any results been rep Immunohistochemistry: Frozen section of Human Hypothalamus shows staining of magnocellular oxytocin neurons in the supraoptic nucleus. Recommended concentration, 0.05-0.15ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1362 - Human Cerebellum, Left Lysate Cat. No. 1363 - Human Cerebellum, Right Lysate 2) Cat. No. 11031 - Human Amygdala Tissue Lysate
IMMUNOGEN:	OXT antibody was raised against a 15 amino acid synthetic peptide near the C-Terminus of OXT.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	OXT antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	oxytocin-neurophysin I, preproprotein, oxytocin-neurophysin I, OT-NPI, OT, MGC126892, MGC126890, oxytocin, prepro- (neurophysin I), OXT
ACCESSION NO.:	NP_000906.1
PROTEIN GI NO.:	4505537
OFFICIAL SYMBOL:	OXT
GENE ID:	5020

Background

FOR RESEARCH USE ONLY

December 13, 2016