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Datasheet for ABIN1493189

anti-Oxytocin antibody (AA 108-120)

Overview

Quantity:	100 µg
Target:	Oxytocin (OXT)
Binding Specificity:	AA 108-120
Reactivity:	Please inquire
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Oxytocin antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Synthetic peptide DGCRTDPACDPES from the C-terminus (near) of mouse OXT / Oxytocin (NP_035155.1). Percent identity with other species by BLAST analysis: Mouse (100%), Rat (100%), Rabbit (85%), Pig (85%). Type of Immunogen: Synthetic peptide
Specificity:	Mouse OXT / Oxytocin.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Mouse (100%), Rat (100%), Rabbit (85%), Pig (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	Oxytocin (OXT)
Alternative Name:	Oxytocin (OXT Products)
Target Type:	Hormone
Background:	Name/Gene ID: OXT Family: Ligand Synonyms: OXT, OXT-NPI, Oxytocin, OT, Oxytocin, prepropeptide, Oxytocin-neurophysin 1, Neurophysin I, OT-NPI
Gene ID:	5020
NCBI Accession:	NP_035155
UniProt:	P01178
Pathways:	Myometrial Relaxation and Contraction , Feeding Behaviour

Application Details

Application Notes:	Approved: ELISA (1:16000) Usage: Peptide ELISA: antibody detection limit dilution 1:16000. Western blot: Preliminary experiments gave an approx 22 kDa band in Mouse Liver and Lung lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 12.9 kDa according to NP_035155.1. The 22 kDa band was successfully blocked by incubation with the immunizing peptide.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris-buffered saline, pH 7.3, 0.5 % BSA, 0.02 % sodium azide
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

Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Minimize freezing and thawing.