

Datasheet for ABIN7445357  
**anti-OXT antibody (AA 20-124)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	OXT
Binding Specificity:	AA 20-124
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OXT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Preprooxytocin (OT)
Immunogen:	Recombinant Preprooxytocin (OT) corresponding to Cys20~Glu124
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against OT. It has been selected for its ability to recognize OT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

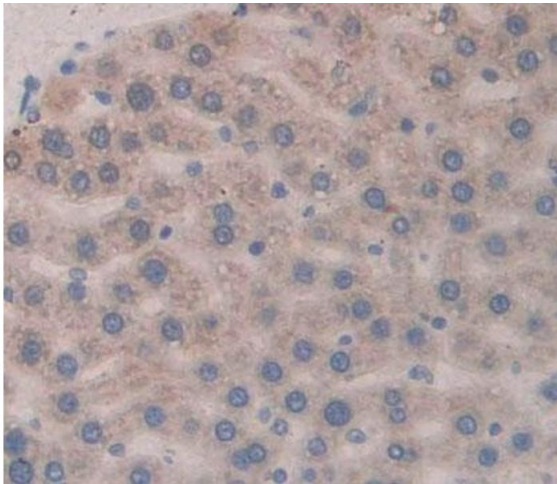
Target:	OXT
Alternative Name:	Preprooxytocin ( <a href="#">OXT Products</a> )
Background:	OXT, Oxytocin, Prepropeptide, Oxytocin, Prepro-Neurophysin I, Oxytocin-Neurophysin 1
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

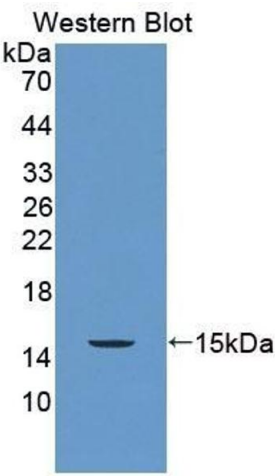
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant OT, Rat using Polyclonal Antibody to Preprooxytocin (OT)