

Datasheet for ABIN7239302

**anti-Oxytocin Receptor antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	Oxytocin Receptor (OXTR)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oxytocin Receptor antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide of human OXTR
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	Oxytocin Receptor (OXTR)
Alternative Name:	OXTR ( <a href="#">OXTR Products</a> )
Background:	The protein encoded by this gene belongs to the G-protein coupled receptor family and acts as a receptor for oxytocin. Its activity is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. The oxytocin-oxytocin receptor system plays an important role in the uterus during parturition.

## Target Details

NCBI Accession: [NP\\_000907](#)

UniProt: [P30559](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Feeding Behaviour](#)

## Application Details

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.4 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

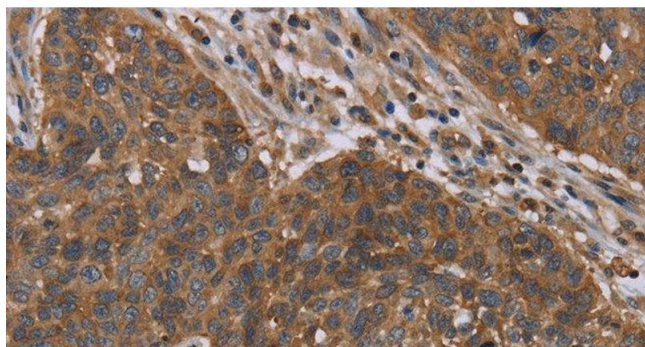
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human lung cancer tissue using OXTR Polyclonal Antibody at dilution 1:40