

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-OXTR



Numéro de catalogue: 23045-1-AP

Phare

15 Publications

## Informations de base

Numéro de catalogue:

23045-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG19074

Numéro d'acquisition GenBank:

BC137443

Identification du gène (NCBI):

5021

Nom complet:

OXTR

MW calculé

389 aa, 43 kDa

MW observés:

46 kDa, 67 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

## Applications

Applications testées:

FC, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, porc, rat, souris

Contrôles positifs:

WB : cellules Jurkat, cellules HeLa, cellules L02

IP : cellules L02,

IHC : tissu d'hystéromyome humain, tissu de cancer du sein humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

## Informations générales

Oxytocin (OXT) is a neurohypophysial hormone that plays a role in lactation and parturition and in the central nervous system as a neurotransmitter involved in sex and maternal behavior (PMID: 1852313; 10811917). OXT acts through its receptor, OXTR, which belongs to the G protein-coupled 7-transmembrane receptor family. OXTR is expressed in endometrium, myometrium, mammary gland (PMID: 1313946). This antibody is raised against the C-terminal region of human OXTR. Two immunoreactive OXTR bands were found in the fat tissue, an unglycosylated 43 kDa form and a mature glycosylated 67 kDa form (PMID:32819381).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yan Yan	36068532	Reprod Biol Endocrinol	IHC
Tamara Merz	30341744	Intensive Care Med Exp	IHC
Wenhui Yang	36227618	J Obstet Gynaecol	IHC

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

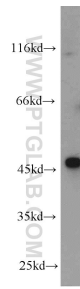
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

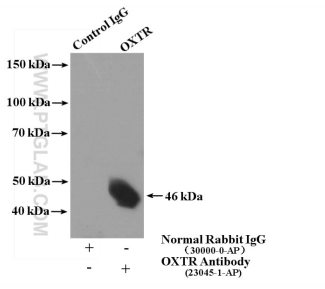
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

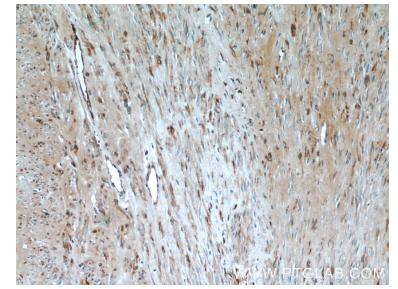
## Données de validation sélectionnées



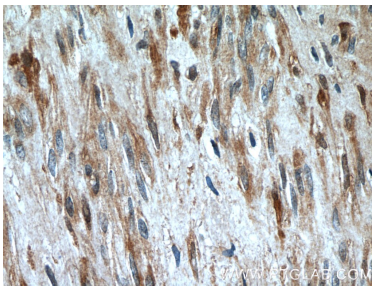
Jurkat cells were subjected to SDS PAGE followed by western blot with 23045-1-AP (OXTR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



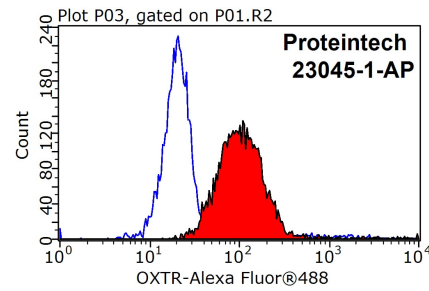
IP Result of anti-OXTR (IP:23045-1-AP, 4ug; Detection:23045-1-AP 1:1000) with L02 cells lysate 1800ug.



Immunohistochemical analysis of paraffin-embedded human hystero myoma tissue slide using 23045-1-AP (OXTR antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hystero myoma tissue slide using 23045-1-AP (OXTR antibody at dilution of 1:50 (under 40x lens).



1X10<sup>6</sup> Jurkat cells were stained with 0.2ug OXTR antibody (23045-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.