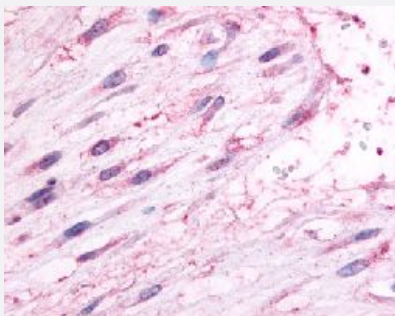


OXTR polyclonal antibody

Catalog # PAB16340

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human pregnant uterus with OXTR polyclonal antibody (Cat # PAB16340).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of OXTR.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human OXTR.
Host	Rabbit
Reactivity	Human
Specificity	C-terminal Cytoplasmic domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (40 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human pregnant uterus with OXTR polyclonal antibody (Cat # PAB16340).

Gene Info — OXTR

Entrez GeneID [5021](#)

Protein Accession# [P30559](#)

Gene Name OXTR

Gene Alias OT-R

Gene Description oxytocin receptor

Omim ID [167055](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations -

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Antisocial Personality Disorder](#)

- [Anxiety](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Chorioamnionitis](#)
- [Ductus Arteriosus](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Irritable Bowel Syndrome](#)
- [Mental Disorders](#)
- [Mood Disorders](#)
- [Object Attachment](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Stress](#)
- [Task Performance and Analysis](#)