

Oxytocin Receptor Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2508a

Specification

Oxytocin Receptor Antibody (internal region) - Product Information

Application	FC, IHC
Primary Accession	P30559
Other Accession	NP_000907.2 , 5021 , 18430 (mouse) , 25342 (rat)
Predicted Host	Human
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	42772

Oxytocin Receptor Antibody (internal region) - Additional Information

Gene ID 5021

Other Names

Oxytocin receptor, OT-R, OXTR

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Oxytocin Receptor Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Oxytocin Receptor Antibody (internal region) - Protein Information

Name OXTR

Function

Receptor for oxytocin. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.

Cellular Location

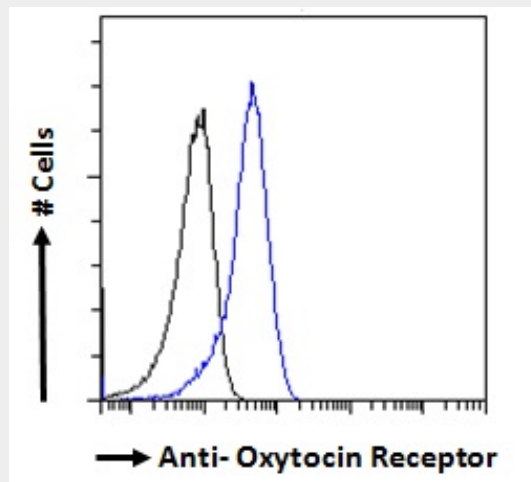
Cell membrane; Multi-pass membrane protein.

Oxytocin Receptor Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

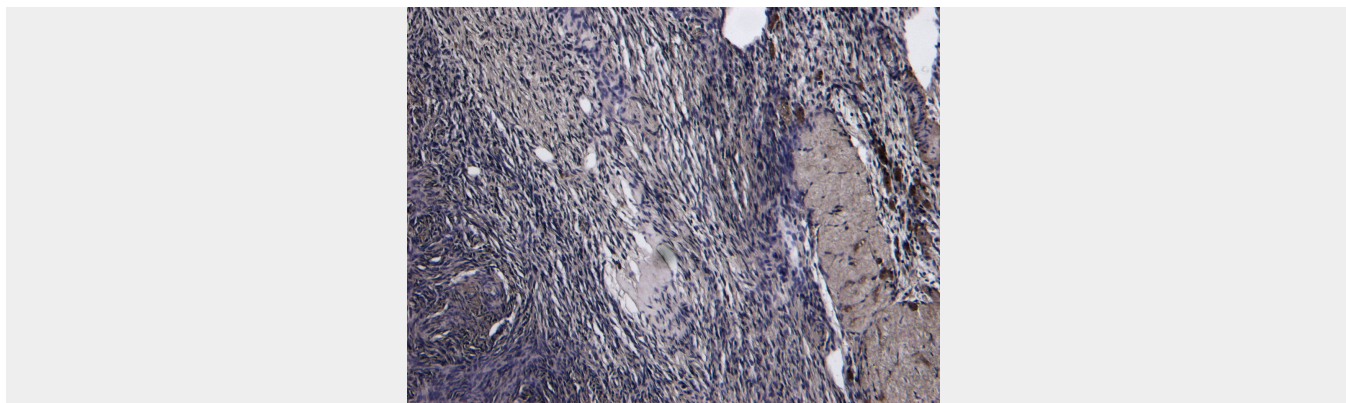
Oxytocin Receptor Antibody (internal region) - Images



EB07183 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) f



EB07183 (8µg/ml) staining of paraffin embedded Human Ovary. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07183 Negative Control showing staining of paraffin embedded Human Ovary, with no primary antibody.

Oxytocin Receptor Antibody (internal region) - References

Gonadal steroid modulation of stress-induced hypothalamo-pituitary-adrenal activity and anxiety behavior: role of central oxytocin. Windle RJ, Gamble LE, Kershaw YM, Wood SA, Lightman SL, Ingram CD. *Endocrinology*. 2006 Jan 26; [Epub ahead of print] PMID: 16439458