

OXTR Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2860a**Specification**

OXTR Antibody (C-Term) - Product Information

Application	WB, IHC, IF, ICC, E
Primary Accession	P30559
Other Accession	NP_000907.2 , 5021
Reactivity	Human, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	42772

OXTR Antibody (C-Term) - Additional Information**Gene ID** 5021**Other Names**

Oxytocin receptor, OT-R, OXTR

DilutionWB~~1:1000
IHC~~1:100~500
IF~~1:50~200
ICC~~N/A
E~~N/A**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

OXTR Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

OXTR Antibody (C-Term) - 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

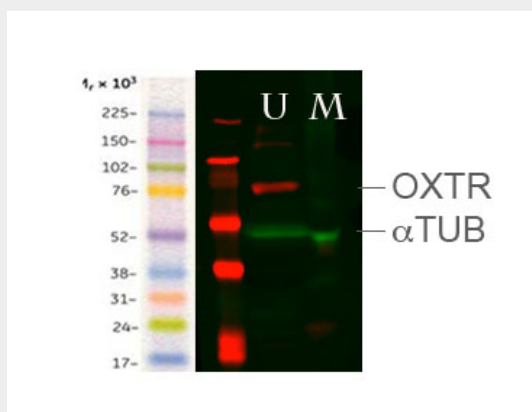
Cell membrane; Multi-pass membrane protein.

OXTR Antibody (C-Term) - Protocols

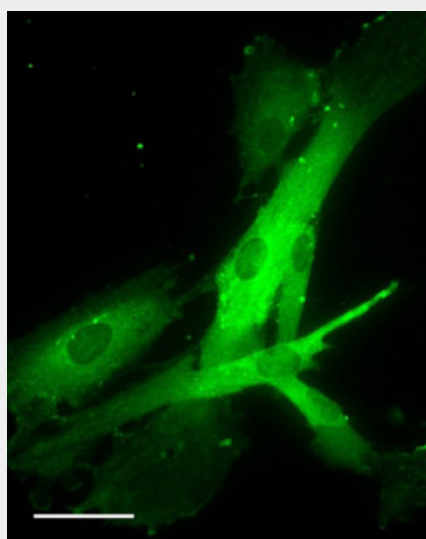
Provided below are standard protocols that you may find useful for product applications.

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

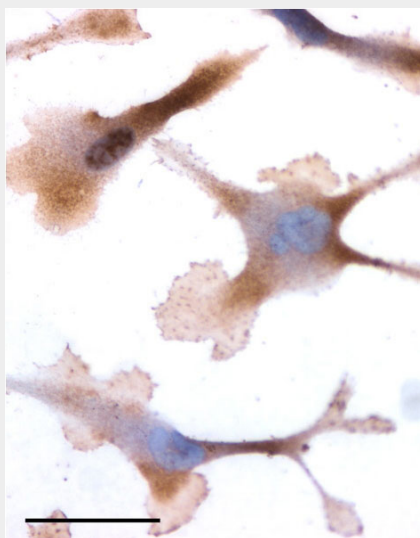
OXTR Antibody (C-Term) - Images



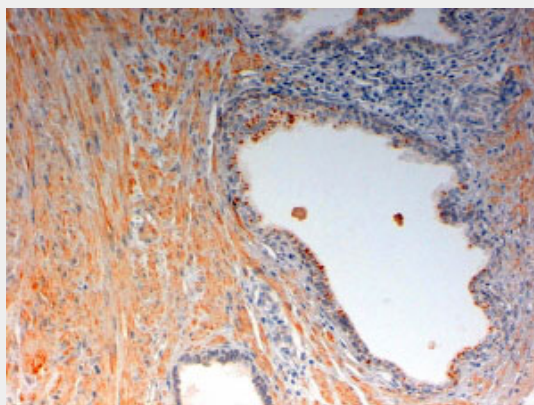
AF2860a (0.5 µg/ml) staining of Rat Uterus (U) and Rat Skeletal Muscle (M) lysates (35 µg protein in RIPA buffer). Data obtained from Maree Gould, University of Otago, New Zealand. Primary incubation was 1 hour. Detected by chemiluminescence.



AF2860a (5 μ g/ml) staining of Human Prostate stromal cells. Overnight incubation at 4C and detected with Alexafluor secondary conjugated antibody.



AF2860a (5 μ g/ml) staining of PC3 cells. Detected by DAB.



AF2860a (2 μ g/ml) staining of paraffin embedded Human Prostate cancer. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

OXTR Antibody (C-Term) - References

Hypothalamic oxytocin mRNA expression and melancholic depression. Meynen G, Unmehopa UA, Hofman MA, Swaab DF, Hoogendijk WJ. Mol Psychiatry. 2007 Feb;12(2):118-9. No abstract available. PMID: 17252002 Comments: Depression.