

**OXTR Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21446b****Specification**

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**OXTR Antibody (C-term) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">P30559</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>42772</b>

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

Oxytocin receptor, OT-R, OXTR

**Target/Specificity**

This OXTR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 348-380 amino acids from the C-terminal region of human OXTR.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. 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**

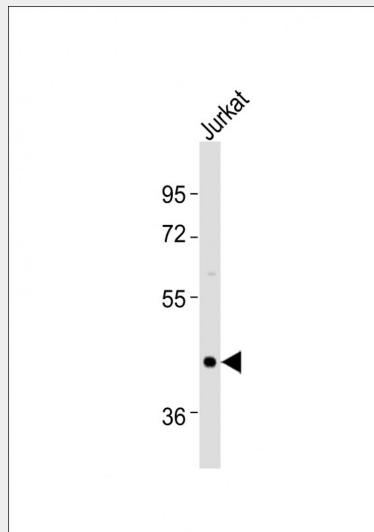
Cell membrane; Multi-pass membrane protein.

### 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



Anti-OXTR Antibody (C-term) at 1:1000 dilution + Jurkat whole cell lysates. Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.

### OXTR Antibody (C-term) - Background

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

### OXTR Antibody (C-term) - References

- Kimura T., et al. Nature 356:526-529(1992).  
Kimura T., et al. Nature 357:176-176(1992).  
Kopatz S.A., et al. Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.  
Inoue T., et al. J. Biol. Chem. 269:32451-32456(1994).