

OXTR Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17658a**Specification****OXTR Antibody (N-term) Blocking Peptide -
Product Information**Primary Accession [P30559](#)**OXTR Antibody (N-term) Blocking Peptide -
Additional Information****Gene ID** 5021**Other Names**

Oxytocin receptor, OT-R, OXTR

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**OXTR Antibody (N-term) Blocking Peptide -
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 (N-term) Blocking Peptide
- Background**

The protein encoded by this gene belongs to the G-proteincoupled 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.

**OXTR Antibody (N-term) Blocking Peptide
- References**

Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) :Kim, H.S., et al. Proc. Natl. Acad. Sci. U.S.A. 107(36):15717-15721(2010)Thompson, R.J., et al. Psychoneuroendocrinology (2010) In press :Tost, H., et al. Proc. Natl. Acad. Sci. U.S.A. 107(31):13936-13941(2010)Amrani, Y., et al. Respir. Res. 11, 104 (2010) :

**OXTR Antibody (N-term) Blocking Peptide
- Protocols**

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

- [Blocking Peptides](#)