

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 - Protocols

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

- [Blocking Peptides](#)

OXTR Antibody (N-term) Blocking Peptide - Images

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 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) :