

PAQR8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14849b**Specification**

PAQR8 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8TEZ7](#)**PAQR8 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 85315**Other Names**

Membrane progesterin receptor beta, mPR beta, Lysosomal membrane protein in brain 1, Progesterin and adipoQ receptor family member 8, Progesterin and adipoQ receptor family member VIII, PAQR8, C6orf33, LMPB1, MPRB

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.

PAQR8 Antibody (C-term) Blocking Peptide - Protein Information**Name** PAQR8 ([HGNC:15708](#))**Function**

Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432). Seems to act through a G(i) mediated pathway (PubMed:23763432). May be involved in oocyte maturation (By similarity). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23161870).

Cellular Location

Cell membrane; Multi-pass membrane protein. Note=Colocalizes with a lysosomal protein CTSD/cathepsin D.

Tissue Location

Highly expressed in the hypothalamus (PubMed:23161870). Also expressed in spinal cord, kidney and testis

PAQR8 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PAQR8 Antibody (C-term) Blocking Peptide - Images**PAQR8 Antibody (C-term) Blocking Peptide - Background**

PAQR8 is steroid membrane receptor. Binds progesterone. May be involved in oocyte maturation (By similarity).

PAQR8 Antibody (C-term) Blocking Peptide - References

Smith, J.L., et al. Steroids 73(11):1160-1173(2008)Lamesch, P., et al. Genomics 89(3):307-315(2007)Tang, Y.T., et al. J. Mol. Evol. 61(3):372-380(2005)Mungall, A.J., et al. Nature 425(6960):805-811(2003)Hammes, S.R. Proc. Natl. Acad. Sci. U.S.A. 100(5):2168-2170(2003)