

**PAQR6 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13667b****Specification**

---

**PAQR6 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q6TCH4](#)**PAQR6 Antibody (C-term) Blocking peptide - Additional Information**

Gene ID 79957

**Other Names**

Progesterin and adipoQ receptor family member 6, Progesterin and adipoQ receptor family member VI, PAQR6

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13667b was selected from the C-term region of PAQR6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**PAQR6 Antibody (C-term) Blocking peptide - Protein Information**Name PAQR6 ([HGNC:30132](#))**Function**

Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:<a href="http://www.uniprot.org/citations/23763432" target="\_blank">23763432</a>, PubMed:<a href="http://www.uniprot.org/citations/23161870" target="\_blank">23161870</a>). Seems to act through a G(s) mediated pathway (PubMed:<a href="http://www.uniprot.org/citations/23161870" target="\_blank">23161870</a>). Involved in neurosteroid inhibition of apoptosis (PubMed:<a href="http://www.uniprot.org/citations/23161870" target="\_blank">23161870</a>). May be involved in regulating rapid P4 signaling in the nervous system (PubMed:<a href="http://www.uniprot.org/citations/23763432" target="\_blank">23763432</a>). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:<a href="http://www.uniprot.org/citations/23763432" target="\_blank">23763432</a>, PubMed:<a href="http://www.uniprot.org/citations/23161870" target="\_blank">23161870</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

Brain specific (PubMed:16044242, PubMed:23763432). Highly expressed in the hypothalamus, also expressed in forebrain, amygdala, corpus callosum and spinal cord (PubMed:23161870)

**PAQR6 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**PAQR6 Antibody (C-term) Blocking peptide - Images****PAQR6 Antibody (C-term) Blocking peptide - Background**

The function of this protein remains unknown.

**PAQR6 Antibody (C-term) Blocking peptide - References**

Kamatani, Y., et al. Nat. Genet. 42(3):210-215(2010)Smith, J.L., et al. Steroids 73(11):1160-1173(2008)Tang, Y.T., et al. J. Mol. Evol. 61(3):372-380(2005)