

**GPR78 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17584c****Specification**

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**GPR78 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q96P69](#)**GPR78 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 27201**Other Names**

G-protein coupled receptor 78, GPR78

**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.

**GPR78 Antibody (Center) Blocking Peptide - Protein Information****Name** GPR78**Function**

Orphan receptor. Displays a significant level of constitutive activity. Its effect is mediated by G(s)-alpha protein that stimulate adenylate cyclase, resulting in an elevation of intracellular cAMP.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

High level of expression in placenta. Expressed throughout the brain at low level. No expression detected in skeletal muscle, lung, heart, liver, pancreas, or kidney

**GPR78 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**GPR78 Antibody (Center) Blocking Peptide - Images**

### **GPR78 Antibody (Center) Blocking Peptide - Background**

G protein-coupled receptors (GPCRs, or GPRs) contain 7transmembrane domains and transduce extracellular signals throughheterotrimeric G proteins.

### **GPR78 Antibody (Center) Blocking Peptide - References**

Zhu, X., et al. World J. Gastroenterol. 15(39):4958-4961(2009)Yosifova, A., et al. J Affect Disord 117 (1-2), 87-97 (2009) :Jones, P.G., et al. Biochim. Biophys. Acta 1770(6):890-901(2007)Underwood, S.L., et al. Mol. Psychiatry 11(4):384-394(2006)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)