

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

GPR78 Antibody (Center) Blocking Peptide - Product InformationPrimary 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)