

GPR27 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14514c**Specification**

GPR27 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9NS67](#)**GPR27 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 2850**Other Names**

Probable G-protein coupled receptor 27, Super conserved receptor expressed in brain 1, GPR27, SREB1

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.

GPR27 Antibody (Center) Blocking Peptide - Protein Information**Name** GPR27**Synonyms** SREB1**Function**

Orphan receptor. Possible candidate for amine-like G-protein coupled receptor.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Highly expressed as a 3.0 kb transcript in brain, ovary, testis, heart, prostate and peripheral Leukocytes. Lower levels in pancreas and small intestine. A 2.3 kb transcript was also found in peripheral Leukocytes. In brain regions, detected as a 3.0 kb transcript in all regions tested. Highest levels in the caudate nucleus, putamen, hippocampus and subthalamic nucleus. Lowest level in the cerebellum

GPR27 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GPR27 Antibody (Center) Blocking Peptide - Images

GPR27 Antibody (Center) Blocking Peptide - Background

GPR27 is a member of the G protein-coupled receptors (GPCRs), a large family of receptors that have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli such as neurotransmitters, hormones, or light induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins. [supplied by OMIM].

GPR27 Antibody (Center) Blocking Peptide - References

Matsumoto, M., et al. Biochem. Biophys. Res. Commun. 272(2):576-582(2000)