

GLP2R Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14856c

Specification

GLP2R Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O95838](#)

GLP2R Antibody (Center) Blocking Peptide - Additional Information

Gene ID 9340

Other Names

Glucagon-like peptide 2 receptor, GLP-2 receptor, GLP-2-R, GLP-2R, GLP2R

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.

GLP2R Antibody (Center) Blocking Peptide - Protein Information

Name GLP2R

Function

This is a receptor for glucagon-like peptide 2. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

Cellular Location

Cell membrane; Multi-pass membrane protein.

GLP2R Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GLP2R Antibody (Center) Blocking Peptide - Images

GLP2R Antibody (Center) Blocking Peptide - Background

The GLP2 receptor (GLP2R) is a G protein-coupled receptorsuperfamily member closely related to

the glucagon receptor and GLP1 receptor. Glucagon-like peptide-2 (GLP2) is a 33-amino acid proglucagon-derived peptide produced by intestinal enteroendocrine cells. Like glucagon-like peptide-1 (GLP1) and glucagon itself, it is derived from the proglucagon peptide encoded by the GCG gene. GLP2 stimulates intestinal growth and upregulates villus height in the small intestine, concomitant with increased crypt cell proliferation and decreased enterocyte apoptosis. Moreover, GLP2 prevents intestinal hypoplasia resulting from total parenteral nutrition. GLP2R, a G protein-coupled receptor superfamily member is expressed in the gut and closely related to the glucagon receptor (GCGR) and the receptor for GLP1 (GLP1R). [provided by RefSeq].

GLP2R Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Festen, E.A., et al. Am. J. Gastroenterol. 105(2):395-402(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)