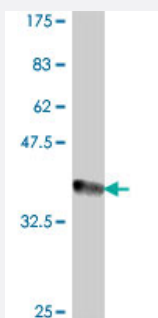


GLP2R polyclonal antibody (A01)

Catalog # H00009340-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GLP2R.
Immunogen	GLP2R (NP_004237, 69 a.a. ~ 178 a.a) partial recombinant protein with GST tag.
Sequence	LEETTRKWAQYKQACLRDLLKEPSGIFCNGTFDQYVCWPHSSPGNVSVPCPSYLPWWSEESSG RAYRHCLAQGTWQTIENTATDMQDDSECSNHSFKQNVDRYALLSTL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (78)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GLP2R

Entrez GeneID [9340](#)

GeneBank Accession# [NM_004246](#)

Protein Accession# [NP_004237](#)

Gene Name GLP2R

Gene Alias -

Gene Description glucagon-like peptide 2 receptor

Omim ID [603659](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The GLP2 receptor (GLP2R) is a G protein-coupled receptor superfamily 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 GC G 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]

Other Designations OTTHUMP00000160769

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)

- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)