

GLP2R Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58754

Specification

GLP2R Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession <u>095838</u>

Reactivity
Host
Clonality
Calculated MW
Physical State
Pig, Dog, Bovine
Rabbit
Polyclonal
63 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human GLP2R

Epitope Specificity 51-150/553

Isotype
Purity
affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cell membrane; Multi-pass membrane

protein.

SIMILARITY Belongs to the G-protein coupled receptor

2 family.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The GLP2 receptor (GLP2R) is a G protein-coupled receptor superfamily member closely related to the glucagon receptor ans 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, Jul 2008].

GLP2R Polyclonal Antibody - Additional Information

Gene ID 9340

Other Names

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

Dilution

IHC-P~~N/A<br \><span class</pre>



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="dilution IHC-F">IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GLP2R Polyclonal Antibody - 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 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GLP2R Polyclonal Antibody - Images