



Rabbit Anti-Human GLP2R (aa 51-150) polyclonal antibody (DPAB-JXL23251)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLH conjugated synthetic peptide derived from human GLP2R: 51-150
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	ELISA 1:5000-10000; IHC 1:100-500; ICC/IF 1:100-500 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	1.0 mg/mL
Size	50 µl, 100 µl, 200 µl
Buffer	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol
Storage	Store at -20°C or lower. Avoid freeze / thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction

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 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).

GENE INFORMATION

Synonyms	Glucagon-Like Peptide 2 Receptor; Glp-2 Receptor; Glp-2-R; Glp-2r
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Entrez Gene ID	9340
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UniProt ID	O95838
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