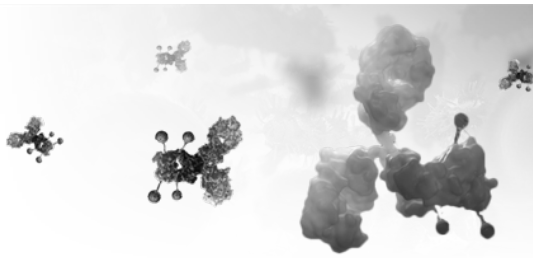

Anti-GLP2R (aa 69-178) polyclonal antibody (DPAB-DC3785)

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

PRODUCT INFORMATION

Antigen Description	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).
Immunogen	GLP2R (NP_004237, 69 a.a. ~ 178 a.a) partial recombinant protein with GST tag. The sequence is LEETTRKWAQYKQACLRDLLKEPSGIFCNGTFDQYVCWPHSSPGNVSVPCPSYLPWWSEESSGRAYRHCLAQGTWQTIENATDIWQDDSECSENHSFKQNVDRYALLSTL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	GLP2R glucagon-like peptide 2 receptor [Homo sapiens (human)]
Official Symbol	GLP2R
Synonyms	GLP2R; glucagon-like peptide 2 receptor; GLP-2R; GLP-2-R; GLP-2 receptor;
Entrez Gene ID	9340
Protein Refseq	NP_004237
UniProt ID	O95838
Chromosome Location	17p13.3
Pathway	Class B/2 (Secretin family receptors); GPCR downstream signaling; GPCRs, Class B Secretin-like; Neuroactive ligand-receptor interaction
Function	G-protein coupled receptor activity; glucagon receptor activity;

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