

Datasheet for ABIN952529

anti-GLP2R antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	GLP2R
Binding Specificity:	AA 219-248, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLP2R antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 219-248 amino acids from the Central region of human GLP2R
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human GLP2R (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	GLP2R
Alternative Name:	GLP2 Receptor (GLP2R Products)
Background:	The GLP2 receptor (GLP2R) is a G protein-coupled receptor superfamily member closely related

Target Details

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]. Synonyms: GLP-2-R, GLP-2R, GLP2R, Glucagon-like peptide 2 receptor

Molecular Weight: 63001 Da

Gene ID: 9340

NCBI Accession: [NP_004237](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Peptide Hormone Metabolism](#), [cAMP Metabolic Process](#), [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

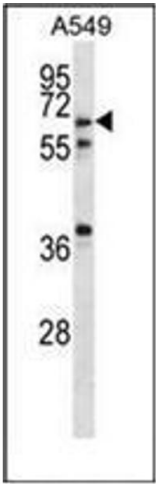
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of GLP2R Antibody (Center) in A549 cell line lysates (35ug/lane). This demonstrates the GLP2R antibody detected the GLP2R protein (arrow).