

GLP2 Antibody

Rabbit mAb Catalog # AP91630

Specification

GLP2 Antibody - Product Information

Application WB
Primary Accession P01275
Clonality Monoclonal

Other Names GCG; GLP 2; GRPP;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 20909 Da

GLP2 Antibody - Additional Information

Dilution WB~~1:1000

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

GLP2

Description Human GLP2 (glucagon like peptide 2) is a

peptide hormone of the glucagon family produced by the L cells of the intestial mucosa and originates from the same

prohormone as glucagon.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at $+4^{\circ}$ C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

GLP2 Antibody - Protein Information

Name GCG (HGNC:4191)

Function

[Glucagon]: Plays a key role in glucose metabolism and homeostasis. Regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. Plays an important role in initiating and maintaining hyperglycemic conditions in diabetes.

Cellular Location

Secreted.

Tissue Location

[Glucagon]: Secreted in the A cells of the islets of Langerhans. [Glucagon-like peptide 2]: Secreted from enteroendocrine cells throughout the gastrointestinal tract. Also secreted in selected neurons



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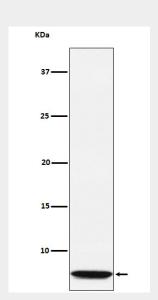
in the brain [Oxyntomodulin]: Secreted from enteroendocrine cells throughout the gastrointestinal tract

GLP2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

GLP2 Antibody - Images



Western blot analysis of GLP2 expression in GLP2 recombinant protein lysate.