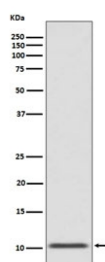


GLP-1 Antibody / Glucagon-like peptide 1 [clone AOHH-7] (RQ4965)

Catalog No.	Formulation	Size
RQ4965	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOHH-7
Purity	Affinity purified
UniProt	P01275
Applications	Western Blot : 1:1000-1:5000
Limitations	This GLP-1 antibody is available for research use only.



Western blot testing of human fetal pancreas with GLP-1 antibody. Predicted molecular weight ~3 kDa but can be observed at up to ~21 kDa depending on Proglucagon cleavage.

Description

Glucagon-like peptide-1 (GLP-1) is a 30 amino acid long peptide hormone deriving from the tissue-specific posttranslational processing of the proglucagon peptide. It is produced and secreted by intestinal enteroendocrine L-cells and certain neurons within the nucleus of the solitary tract in the brainstem upon food consumption. The initial product GLP-1 (1-37) is susceptible to amidation and proteolytic cleavage which gives rise to the two truncated and equipotent biologically active forms, GLP-1 (7-36) amide and GLP-1 (7-37). Active GLP-1 composes two alpha-helices from amino acid position 13-20 and 24-35 separated by a linker region. [Wiki]

Application Notes

Optimal dilution of the GLP-1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Glucagon-like peptide 1 was used as the immunogen for the GLP-1 antibody.

Storage

Store the GLP-1 antibody at -20oC.