

GLP1R / GLP-1 Receptor Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10297**Specification**

GLP1R / GLP-1 Receptor Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	P43220
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

GLP1R / GLP-1 Receptor Antibody (N-Terminus) - Additional Information**Gene ID** 2740**Other Names**

Glucagon-like peptide 1 receptor, GLP-1 receptor, GLP-1-R, GLP-1R, GLP1R

Target/Specificity

Human GLP1R. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except RUSC2 (44%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GLP1R / GLP-1 Receptor Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GLP1R / GLP-1 Receptor Antibody (N-Terminus) - Protein Information**Name** GLP1R**Function**

G-protein coupled receptor for glucagon-like peptide 1 (GLP- 1) (PubMed:8405712, PubMed:8216285, PubMed:7517895, PubMed:19861722, PubMed:26308095, PubMed:27196125, PubMed:28514449). Ligand binding triggers activation of a signaling cascade that leads to the activation of adenylyl cyclase and increased intracellular cAMP levels (PubMed:8405712, PubMed:8216285, PubMed:7517895, PubMed:19861722, PubMed:26308095, PubMed:27196125, PubMed:28514449).

[7517895](http://www.uniprot.org/citations/7517895), PubMed:<[19861722](http://www.uniprot.org/citations/19861722)>, PubMed:<[26308095](http://www.uniprot.org/citations/26308095)>, PubMed:<[27196125](http://www.uniprot.org/citations/27196125)>, PubMed:<[28514449](http://www.uniprot.org/citations/28514449)>). Plays a role in regulating insulin secretion in response to GLP-1 (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Volume

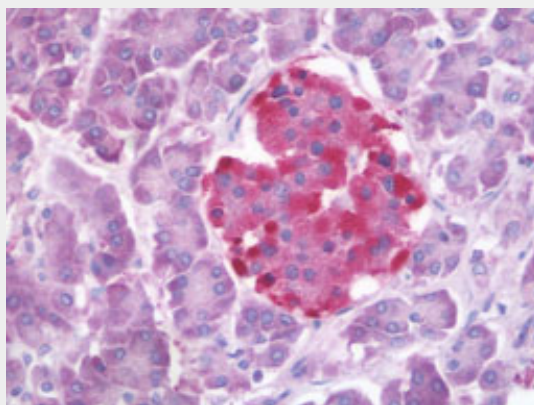
50 µl

GLP1R / GLP-1 Receptor Antibody (N-Terminus) - Protocols

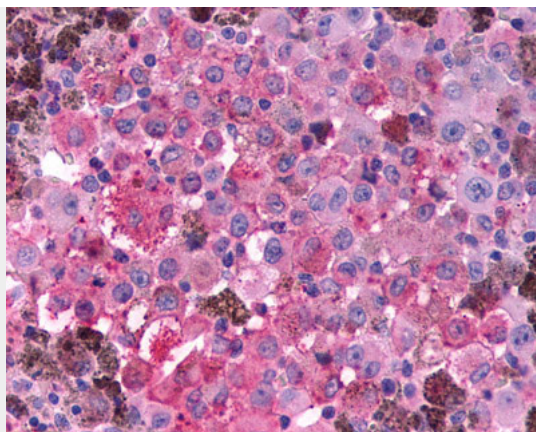
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

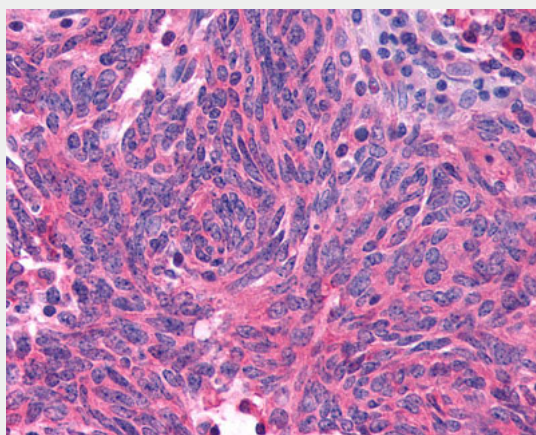
GLP1R / GLP-1 Receptor Antibody (N-Terminus) - Images



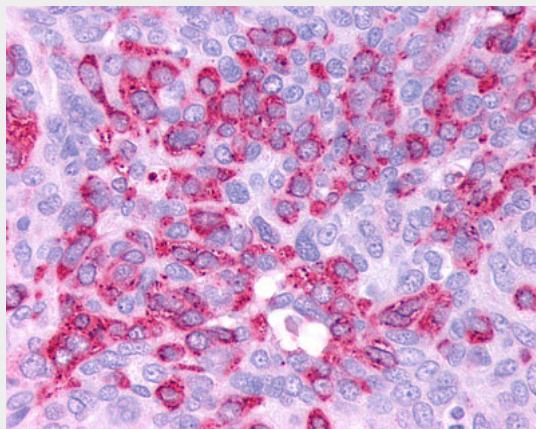
Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



Anti-GLP1R/GLP-1R/GLP-1 Receptor antibody IHC of human Skin, Melanoma.



Anti-GLP1R/GLP-1R/GLP-1 Receptor antibody IHC of human Lung, Small Cell Carcinoma.



Anti-GLP1R/GLP-1R/GLP-1 Receptor antibody IHC of human Ovary, Carcinoma.

GLP1R / GLP-1 Receptor Antibody (N-Terminus) - Background

This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

GLP1R / GLP-1 Receptor Antibody (N-Terminus) - References

Thorens B.,et al.Diabetes 42:1678-1682(1993).
Dillon J.S.,et al.Endocrinology 133:1907-1910(1993).
Graziano M.P.,et al.Biochem. Biophys. Res. Commun. 196:141-146(1993).

van Eyll B., et al. FEBS Lett. 348:7-13(1994).
Wei Y., et al. FEBS Lett. 358:219-224(1995).