

GLP-1 Receptor Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51232**Specification**

GLP-1 Receptor Antibody - Product Information

Application	WB
Primary Accession	P43220
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53 KDa
Antigen Region	91 - 150

GLP-1 Receptor Antibody - Additional Information**Gene ID** 2740**Other Names**

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

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GLP-1 Receptor. The exact sequence is proprietary.

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

GLP-1 Receptor Antibody - Protein Information**Name** GLP1R**Function**

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

increased intracellular cAMP levels (PubMed:19861722, PubMed:26308095, PubMed:27196125, PubMed:28514449, PubMed:7517895, PubMed:8216285, PubMed:8405712). Plays a role in regulating insulin secretion in response to GLP-1 (By similarity).

Cellular Location

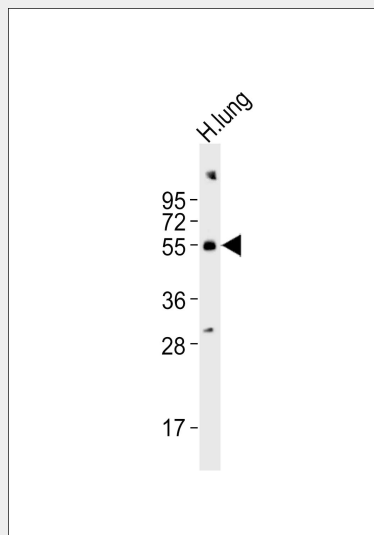
Cell membrane; Multi-pass membrane protein

GLP-1 Receptor Antibody - 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](#)

GLP-1 Receptor Antibody - Images



Anti-GLP-1 Receptor Antibody at 1:1000 dilution + human lung lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 53 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

GLP-1 Receptor Antibody - Background

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

GLP-1 Receptor Antibody - 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).