

GLP1R Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3829a

Specification

GLP1R Antibody (internal region) - Product Information

Application	WB
Primary Accession	P43220
Other Accession	NP_002053.3 , 2740 , 14652 (mouse) , 25051 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	53026

GLP1R Antibody (internal region) - Additional Information

Gene ID 2740

Other Names

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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GLP1R Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GLP1R Antibody (internal region) - 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). Plays a role in regulating insulin secretion in response to GLP-1 (By similarity).

Cellular Location

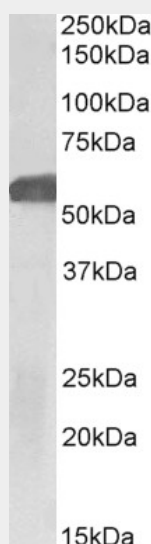
Cell membrane; Multi-pass membrane protein

GLP1R Antibody (internal region) - 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 Antibody (internal region) - Images



AF3829a (1 µg/ml) staining of Human Hippocampus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

GLP1R Antibody (internal region) - Background

The immunizing peptide represents part of an extracellular region.

GLP1R Antibody (internal region) - References

Pancreatic GLP-1 receptor activation is sufficient for incretin control of glucose metabolism in mice. Lamont BJ, Li Y, Kwan E, Brown TJ, Gaisano H, Drucker DJ. J Clin Invest. 2012 Jan 3;122(1):388-402. PMID: 22182839