

GLP-1 Receptor Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51232

Product Information

Application	WB
Primary Accession	P43220
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53026

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

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

Background

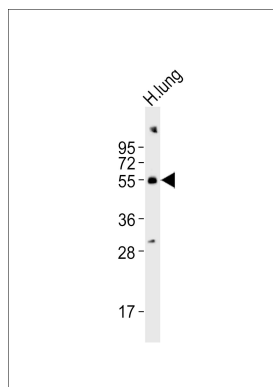
This is a receptor for glucagon-like peptide 1. The activity of this receptor is mediated by G proteins which

activate adenylyl cyclase.

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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.