

# GLP1R Polyclonal Antibody

Catalog # AP74340

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P43220</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	53026

## Additional Information

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<b>Gene ID</b>	2740
<b>Other Names</b>	Glucagon-like peptide 1 receptor (GLP-1 receptor) (GLP-1-R) (GLP-1R)
<b>Dilution</b>	WB--WB 1:500-2000, ELISA 1:10000-20000
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	GLP1R
<b>Function</b>	G-protein coupled receptor for glucagon-like peptide 1 (GLP-1) (PubMed: <a href="#">19861722</a> , PubMed: <a href="#">26308095</a> , PubMed: <a href="#">27196125</a> , PubMed: <a href="#">28514449</a> , PubMed: <a href="#">7517895</a> , PubMed: <a href="#">8216285</a> , PubMed: <a href="#">8405712</a> ). Ligand binding triggers activation of a signaling cascade that leads to the activation of adenylyl cyclase and increased intracellular cAMP levels (PubMed: <a href="#">19861722</a> , PubMed: <a href="#">26308095</a> , PubMed: <a href="#">27196125</a> , PubMed: <a href="#">28514449</a> , PubMed: <a href="#">7517895</a> , PubMed: <a href="#">8216285</a> , PubMed: <a href="#">8405712</a> ). Plays a role in regulating insulin secretion in response to GLP-1 (By similarity).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein

## Background

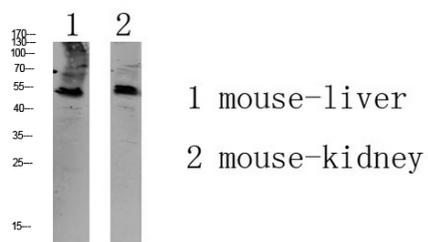
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G-protein coupled receptor for glucagon-like peptide 1 (GLP-1) (PubMed: [8405712](#), PubMed:[8216285](#), PubMed:[7517895](#), PubMed:[19861722](#), PubMed:[26308095](#), PubMed:[27196125](#), PubMed:[28514449](#)). Ligand binding triggers activation 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).

## Images

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Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

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