

GLP1R Polyclonal Antibody

Catalog # AP63686

Product Information

Application	WB, IHC-P
Primary Accession	P43220
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53026

Additional Information

Gene ID	2740
Other Names	GLP1R; Glucagon-like peptide 1 receptor; GLP-1 receptor; GLP-1-R; GLP-1R
Dilution	WB~~WB 1:500-1000, IHC 1:50-100 IHC-P~~WB 1:500-1000, IHC 1:50-100
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

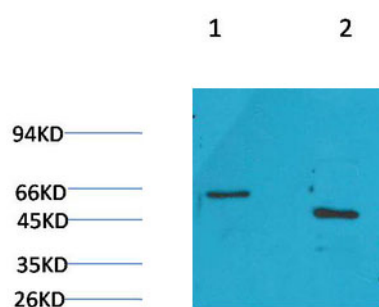
Name	GLP1R
Function	G-protein coupled receptor for glucagon-like peptide 1 (GLP- 1) (PubMed: 19861722 , PubMed: 26308095 , PubMed: 27196125 , PubMed: 28514449 , PubMed: 7517895 , PubMed: 8216285 , PubMed: 8405712). Ligand binding triggers activation of a signaling cascade that leads to the activation 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

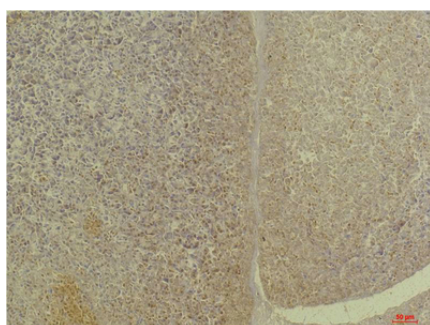
G-protein coupled receptor for glucagon-like peptide 1 (GLP-1) (PubMed: [8405712](#), PubMed:[8216285](#), PubMed:[7517895](#), PubMed:[19861722](#), PubMed:[26308095](#), PubMed:[27196125](#), PubMed:[28514449](#)). Ligand binding triggers activation of a signaling cascade that leads to the activation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



Western blot analysis of 1) Rat BrainTissue, 2)Mouse Brain Tissue with GLP1R Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Pancreas Tissue using GLP1R Rabbit pAb diluted at 1:200.

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