GLP1R Conjugated Antibody

Catalog No: #C35757

Package Size: #C35757-AF350 100ul #C35757-AF405 100ul #C35757-AF488 100ul #C35757-AF555 100ul #C35757-AF594 100ul #C35757-AF647 100ul #C35757-AF680 100ul #C35757-AF750 100ul #C35757-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	GLP1R Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total GLP1R protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human glucagon-like peptide 1 receptor
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GLP1R,GLP-1 receptor,GLP-1-R
Accession No.	Swiss-Prot#:P43220NCBI Gene ID:2740NCBI Protein#:BC113493
Uniprot	P43220
GeneID	2740;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The glucagon-like peptide 1 receptor (GLP1R) is a human gene which resides on chromosome 6.The protein encoded by this gene is a member of the glucagon receptor family of G protein-coupled receptors. GLP1R binds specifically the glucagon-like peptide-1 (GLP1) and has much lower affinity for related peptides such as the gastric inhibitory polypeptide and glucagon. GLP1R is known to be expressed in pancreatic beta cells. Activated GLP1R stimulates the adenylyl cyclase pathway which results in increased insulin synthesis and release of insulin. Consequently GLP1R has been suggested as a potential target for the treatment of diabetes.

Note: This product is for in vitro research use only