GLP1 Conjugated Antibody

Catalog No: #C49373

Package Size: #C49373-AF350 100ul #C49373-AF405 100ul #C49373-AF488 100ul #C49373-AF555 100ul #C49373-AF594 100ul #C49373-AF647 100ul #C49373-AF680 100ul #C49373-AF750 100ul #C49373-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	GLP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GCG antibody glicentin-related polypeptide antibody GLP-1 antibody GLP-1(7-36) antibody GLP-1(7-37) antibody GLP-2 antibody GLP1 antibody GLP1, included antibody GLP2 antibody GLP2, included antibody GLUC_HUMAN antibody Glucagon antibody Glucagon like peptide 1 antibody glucagon-like peptide 1 antibody Glucagon-like peptide 1, included antibody Glucagon-like peptide 2 antibody Glucagon-like peptide 2, included antibody GRPP antibody OXM antibody OXY antibody preproglucagon antibody
Accession No.	Swiss-Prot#:P01275
Uniprot	P01275
GeneID	2641;
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
Calculated MW	21/8/4 kDa
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

Glucagon is a pancreatic hormone that functions as an antagonist to insulin, stimulating the conversion of glycogen to glucose and increasing blood sugar levels. Glucagon-like peptide-1 (GLP-1), Glucagon-like peptide-2 (GLP-2), VIP (vasoactive intestinal peptide) and PACAP (pituitary adenylate cyclase activating polypeptide) are members of the Glucagon family of hormones. GLP-1 functions as a transmitter in the central nervous system, inhibiting feeding and drinking behavior, whereas GLP-2 is a stimulator of intestinal epithelial growth. VIP causes vasodilation resulting in the lowering of blood pressure. PACAP is abundant in the hypothalamus and has been shown to increase the synthesis of several hormones, including growth hormone.

Note: This product is for in vitro research use only