

# Rabbit anti-Human GLP1 Monoclonal Antibody | anti-GLP1 antibody

GLP1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA312420 | Rabbit | Human      | Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot |

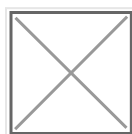
## PRODUCT SYNONYMS

GLP1; Monoclonal Antibody; GLP1 Antibody; GCG antibody; glicentin-related polypeptide antibody; GLP-1 antibody; GLP-1 (7-36) antibody; GLP-1 (7-37) antibody; GLP-2 antibody; GLP1 antibody; included antibody; GLP2 antibody; GLP2; GLUC\_HUMAN antibody; Glucagon antibody; Glucagon like peptide 1 antibody; glucagon-like peptide 1 antibody; Glucagon-like peptide 1; Glucagon-like peptide 2 antibody; Glucagon-like peptide 2; GRPP antibody; OXM antibody; OXY antibody; preproglucagon antibody; anti-GLP1 antibody

## PRODUCT SPECIFICATIONS

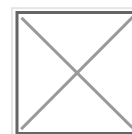
|                                                |                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                            |
| Reactivity                                     | Human                                                                                             |
| Clonality                                      | Monoclonal                                                                                        |
| Clone Number                                   | JF33-10                                                                                           |
| Purity/Purification                            | ProA affinity purified                                                                            |
| Form/Format                                    | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.                            |
| Applicable Applications for anti-GLP1 antibody | IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot) |
| Antibody Type                                  | Recombinant Antibody                                                                              |
| Immunogen                                      | Recombinant protein                                                                               |
| Conjugation                                    | Unconjugated                                                                                      |
| Preparation and Storage                        | Store at -20 degree C.                                                                            |

## IMAGES



### ICC (Immunocytochemistry)

ICC staining GLP1 in SW480 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



### ICC (Immunocytochemistry)

ICC staining GLP1 in PC-12 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-GLP1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GLP1 antibody | 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. |
| Product Categories/Family for anti-GLP1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503945                                                                                                   |
| NCBI GeneID                      | 2641                                                                                                      |
| NCBI Accession #                 | NP_002045.1                                                                                               |
| NCBI GenBank Nucleotide #        | NM_002054.4                                                                                               |
| UniProt Accession #              | P01275; Q53TP6; A6NN65                                                                                    |
| Molecular Weight                 | 20,909 Da                                                                                                 |
| NCBI Official Full Name          | glucagon preproprotein                                                                                    |
| NCBI Official Synonym Full Names | glucagon                                                                                                  |
| NCBI Official Symbol             | GCG                                                                                                       |
| NCBI Official Synonym Symbols    | GLP1; GLP2; GRPP                                                                                          |
| NCBI Protein Information         | glucagon; preproglucagon; glucagon-like peptide 1; glucagon-like peptide 2; glicentin-related polypeptide |
| UniProt Protein Name             | Glucagon                                                                                                  |
| UniProt Gene Name                | GCG                                                                                                       |
| UniProt Synonym Gene Names       | GRPP; OXM; OXY; GLP-1; GLP-1(7-37); GLP-1(7-36); GLP-2                                                    |
| UniProt Entry Name               | GLUC_HUMAN                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/glp1-antibody-clone-jf33-10-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312420>