

Rabbit anti-Human GLP1 Polyclonal Antibody | anti-ZGLP1 antibody

GLP1 Antibody (Center)

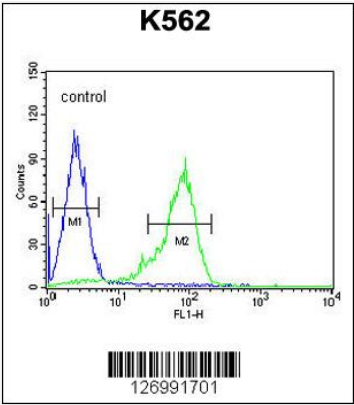
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290242	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

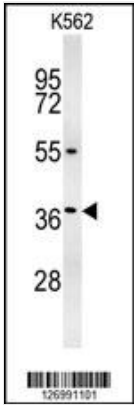
GLP1; Polyclonal Antibody; GLP1 Antibody (Center); GATA-type zinc finger protein 1; GATA-like protein 1; GLP-1; ZGLP1; anti-ZGLP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GLP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-112 amino acids from the Central region of human GLP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	85-112
Sequence Length	271
Applicable Applications for anti-ZGLP1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GLP1 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
GLP1 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the GLP1 antibody detected the GLP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ZGLP1 antibody	Glucagon is initially synthesised as proglucagon, which is 180 amino acids in length and is cleaved proteolytically. It contains a region corresponding to Glucagon itself, in addition to a signal peptide, spacer regions and two Glucagon-like peptide sequences. GLP1 is encoded by the fourth exon of the six in the human Glucagon gene. It is 37 amino acids in length and has 48% amino acid sequence homology to Glucagon, and is thought to have arisen by gene duplication. The sequence of GLP1 is conserved across many species, however, indicating that it has a particular function. GLP1 is a potent insulin secretagogue, renders pancreatic beta cells 'glucose-competent' and may be useful in the treatment of diabetes mellitus.
References	Sanz, C., et al. Am. J. Physiol. Endocrinol. Metab. 298 (3), E634-E643 (2010) : Brown, R.J., et al. Diabetes Care 32(12):2184-2186(2009) Li, S., et al. Dev. Biol. 301(1):106-116(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266269
NCBI GeneID	100125288
NCBI Accession #	NP_001096637.1
NCBI GenBank Nucleotide #	NM_001103167.1
UniProt Accession #	POC6A0
Molecular Weight	29628
NCBI Official Full Name	GATA-type zinc finger protein 1
NCBI Official Synonym Full Names	zinc finger, GATA-like protein 1
NCBI Official Symbol	ZGLP1
NCBI Official Synonym Symbols	GLP1; GLP-1; GATAD3
NCBI Protein Information	GATA-type zinc finger protein 1
UniProt Protein Name	GATA-type zinc finger protein 1
UniProt Gene Name	ZGLP1
UniProt Synonym Gene Names	GLP1; GLP-1
UniProt Entry Name	ZGLP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/glp1-antibody-flow-cytometry-western-blot-elisa/290242>