DNAxPAb | Hard-to-Find Antibody

GFPT1 DNAxPab

Catalog # H00002673-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GFPT1 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MCGIFAYLNYHVPRTRREILETLIKGLQRLEYRGYDSAGVGFDGGNDKDWEANACKIQLIKKKGKV KALDEEVHKQQDMDLDIEFDVHLGIAHTRWATHGEPSPVNSHPQRSDKNNEFIVIHNGIITNYKDLK KFLESKGYDFESETDTETIAKLVKYMYDNRESQDTSFTTLVERVIQQLEGAFALVFKSVHFPGQAV GTRRGSPLLIGVRSEHKLSTDHIPILYRTGKDKKGSCNLSRVDSTTCLFPVEEKAVEYYFASDASA VIEHTNRVIFLEDDDVAAVVDGRLSIHRIKRTAGDHPGRAVQTLQMELQQIMKGNFSSFMQKEIFEQ PESVVNTMRGRVNFDDYTVNLGGLKDHIKEIQRCRRLILIACGTSYHAGVATRQVLEELTELPVMVE LASDFLDRNTPVFRDDVCFFLSQSGETADTLMGLRYCKERGALTVGITNTVGSSISRETDCGVHIN AGPEIGVASTKAYTSQFVSLVMFALMMCDDRISMQERRKEIMLGLKRLPDLIKEVLSMDDEIQKLA TELYHQKSVLIMGRGYHYATCLEGALKIKEITYMHSEGILAGELKHGPLALVDKLMPVIMIIMRDHTYA KCQNALQQVVARQGRPVVICDKEDTETIKNTKRTIKVPHSVDCLQGILSVIPLQLLAFHLAVLRGYD VDFPRNLAKSVTVE
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — GFPT1

Entrez GeneID	2673
GeneBank Accession#	BC045641.1
Protein Accession#	AAH45641.1
Gene Name	GFPT1
Gene Alias	GFA, GFAT, GFAT1, GFAT1m, GFPT
Gene Description	glutamine-fructose-6-phosphate transaminase 1
Omim ID	138292
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the first and rate-limiting enzyme of the hexosamine pathway and controls the f lux of glucose into the hexosamine pathway. The product of this gene catalyzes the formation of gl ucosamine 6-phosphate. [provided by RefSeq
Other Designations	glucosamine-fructose-6-phosphate aminotransferase|glutamine: fructose-6-phosphate amidotran sferase-1

Pathway

- Alanine
- Amino sugar and nucleotide sugar metabolism
- Metabolic pathways

Disease

- Diabetes Mellitus
- Diabetic Nephropathies
- Genetic Predisposition to Disease
- Insulin Resistance
- Obesity