

DNAXPAb

Hard-to-Find
Antibody

GBE1 DNAXPab

Catalog # H00002632-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human GBE1 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MAAPMTPAARPEDYEAALNAALADVPELARLLEIDPYLKPYAVDFQRRYKQFSQILKNIGENEGGI
DKFSRGYESFGVHRCADGGLYCKEWAPGAEGVFLTGDFNGWNPFSYPYKKLDYGKWELYPPK
QNKSVLVPHGSKLKVVITSKSGEILYRISPWAKYVVREGDNVNYDWHWDPEHSYEFKHSRPPKP
RSLRIYESHVGISSHEGKVASYKHFTCNVLPRIKGLGYNCIQLMAIMEHAYYASFQYQITSFFAASSR
YGSPEELQELVDTAHSMGIVLLDVVHSHASKNSADGLNMFDTGTDSCYFHSGPRGTHDLWDSRL
FAYSSWEVLRFLSNIRWWLEEYRFDGFRFDGVTSMLYHHHGVGGQFSGDYSEYFGLQVDEDAL
TYMLANHLVHTLCPDSITIAEDVSGMPALCSPISQGGGGFDYRLAMAIPDKWIQLLKEFKDEDWN
MGDIVYLTNRRYLEKCIAYAESHQALVGDKSLAFWLMDAEMYTNMSVLTPTPTVIDRGIQLHKMI
RLITHGLGGEGYLNFMGNEFGHPEWLD FPRKGNNESYHYARRQFHLTDDDLLRYKFLNNFDRDM
NRLEERYGWLAAPQAYVSEKHGKNIIFERAGLLFIFNFHPSKSYTDYRVGTALPGKFKMLDSDA
AEYGGHQRLDHSTDFSEAFEHNGRPYSLLVYIPSRVALILQNVDLPN

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 — GBE1

Entrez GeneID [2632](#)

GeneBank Accession# [BC012098.1](#)

Protein Accession# [AAH12098.1](#)

Gene Name GBE1

Gene Alias GBE

Gene Description glucan (1,4-alpha-), branching enzyme 1

Omim ID [232500 607839](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a glycogen branching enzyme that catalyzes the transfer of alpha-1,4-linked glucosyl units from the outer end of a glycogen chain to an alpha-1,6 position on the same or a neighboring glycogen chain. Branching of the chains is essential to increase the solubility of the glycogen molecule and, consequently, in reducing the osmotic pressure within cells. Highest level of this enzyme are found in liver and muscle. Mutations in this gene are associated with glycogen storage disease IV (also known as Andersen's disease). [provided by RefSeq]

Other Designations amylo-(1,4 to 1,6) transglucosidase|amylo-(1,4 to 1,6) transglycosylase|glycogen branching enzyme|glycogen storage disease type IV

Pathway

- [Metabolic pathways](#)
- [Starch and sucrose metabolism](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Tobacco Use Disorder](#)