

DNAxPAb

Hard-to-Find
Antibody

GLA DNAxPab

Catalog # H00002717-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GLA DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLLRNP EL HLGCALALRFLALVSWDIPGARALDNG LARTPT MGWLH WERF MCNLDCQEEP DSCI SEKLFMEMAELMVSEGWKDAGYEYLCIDDCW MAPQRD SEGRLQADPQRFP HGIRQL ANYV HSK GLKLG IYAD VGNKTCAGFP GSFG YYDIDAQTFADWGV DLLKFD G GCYCD SL ENLAD GYKHMSL ALN RTGRSIVYSCEWPLYMWPFQKPNYTEIRQYCNHWRNFADIDDSWKS IKSILD WTSFNQER VDVAG PGGWNDP DMLVIGN FLSWNQQTQMALWAIMAAPLFMSNDLRHISPQAKALLQDKD VI AINQD PLGKQGYQLRQGDNFEVWERPLSGLAWAVAMINRQEIGGPRSYTIAVASLGKGVACNPACFITQL LPVKRKLGFYEWTSRLRSHINPTGTVLLQLENTMQMSLKDLL
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 — GLA

Entrez GeneID [2717](#)

GeneBank Accession# [NM_000169.1](#)

Protein Accession# [NP_000160.1](#)

Gene Name GLA

Gene Alias GALA

Gene Description galactosidase, alpha

Omim ID [300644](#) [301500](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a homodimeric glycoprotein that hydrolyses the terminal alpha-galactosyl moieties from glycolipids and glycoproteins. This enzyme predominantly hydrolyzes ceramide trihexoside, and it can catalyze the hydrolysis of melibiose into galactose and glucose. A variety of mutations in this gene affect the synthesis, processing, and stability of this enzyme, which causes Fabry disease, a rare lysosomal storage disorder that results from a failure to catabolize alpha-D-galactosyl glycolipid moieties. [provided by RefSeq]

Other Designations OTTHUMP00000023679|agalsidase alfa|alpha-D-galactosidase A|alpha-D-galactoside galactohydrolase 1|alpha-gal A|alpha-galactosidase A|melibiase

Pathway

- [Galactose metabolism](#)
- [Glycerolipid metabolism](#)
- [Glycosphingolipid biosynthesis - globo series](#)
- [Lysosome](#)
- [Sphingolipid metabolism](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fabry Disease](#)
- [Hypertrophy](#)
- [Lipid Metabolism](#)
- [Mitochondrial Myopathies](#)
- [Stroke](#)