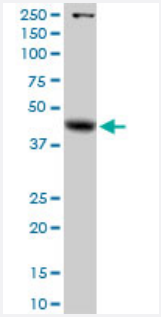
MaxPab®

GLA purified MaxPab rabbit polyclonal antibody (D01P)

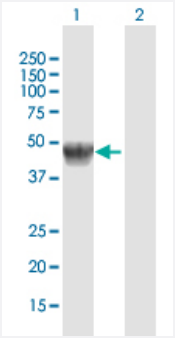
Catalog # H00002717-D01P Size 100 ug

Applications



Western Blot (Cell lysate)

GLA MaxPab rabbit polyclonal antibody. Western Blot analysis of GLA expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of GLA expression in transfected 293T cell line (H00002717-T02) by GLA MaxPab polyclonal antibody.

Lane 1: GLA transfected lysate(48.80 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GLA protein.
Immunogen	GLA (NP_000160.1, 1 a.a. ~ 429 a.a) full-length human protein.
Sequence	MQLRNPELHLGCALALRFLALVSWDIPGARALDNGLARTPTMGWLHWERFMCNLDCQEEPDSCI SEKLFMEMAELMVSEGWKDAGYEYLCIDDCWMAPQRDSEGRLQADPQRFPHGIRQLANYVHSK GLKLGIYADVGNKTCAGFPGSFGYYDIDAQTFADWGVDLLKFDGCYCDSLENLADGYKHMSLALN RTGRSIVYSCEWPLYMWPFQKPNYTEIRQYCNHWRNFADIDDSWKSIKSILDWTSFNQERIVDVAG PGGWNDPDMLVIGNFGLSWNQQVTQMALWAIMAAPLFMSNDLRHISPQAKALLQDKDVIAINQD PLGKQGYQLRQGDNFEVWERPLSGLAWAVAMINRQEIGGPRSYTIAVASLGKGVACNPACFITQL LPVKRKLGFYEWTSRLRSHINPTGTVLLQLENTMQMSLKDLL

Host	Rabbit
Reactivity	Human
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 (Cell lysate)

  GLA MaxPab rabbit polyclonal antibody. Western Blot analysis of GLA expression in HeLa.

  Protocol Download

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  Protocol Download

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