

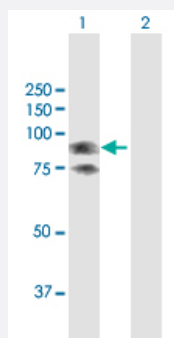
MaxPab®

GLB1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00002720-D01

Size 100 uL

Applications

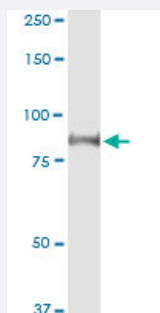


Western Blot (Transfected lysate)

Western Blot analysis of GLB1 expression in transfected 293T cell line ([H00002720-T01](#)) by GLB1 MaxPab polyclonal antibody.

Lane 1: GLB1 transfected lysate(76.1 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of GLB1 transfected lysate using anti-GLB1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with GLB1 purified MaxPab mouse polyclonal antibody (B01P) ([H00002720-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GLB1 protein.

Immunogen

GLB1 (AAH07493.1, 1 a.a. ~ 677 a.a) full-length human protein.

Sequence

MPGFLVRILLLLLVLLLLGPTRGLRNATQRMFEIDYSRDSFLKDGQPFYISGSIHYSRVPRFYWKD
 RLLKMKMAGLNAIQTYVPWNFHEPWPGQYQFSEDHDEYFLRLAHELGLLVILRPGPYICAEWEM
 GGLPAWLLEKESILLRSSDPDYLAAVDKWLGVLPLKMKPLLYQNGGPVITVQVENEYGSYFACDF
 DYLRFLQKRFRHHLGDDVVLFTTDGAHKTFLLKCGALQGLYTTVDFGTGSNITDAFLSQRKCEPKG
 PLINSEFYTGWLDHWGQPHSTIKTEAVASSLYDILARGASVNL YMFIGGTNFAYWNGANSPYAAQP
 TSYDYDAPLSEAGDLTEKYFALRNIIQKFEKVPEGPPIPPSTPKFAYGKVTLEKLTVGAALDILCPSG
 PIKSLYPLTFIQVKQHYGFVLYRTTLPQDCSNPAPLSSPLNGVHDRAVAVDGIQGVLERNNVITL
 NITGKAGATDLLVENMGRVNYGAYINDFKGLVSNLTSSNLTDTWTFPLDTEDAVRSHLGGWGH
 DSGHHDEAWAHNSSNYTLPAFYMGNFSSIPSGIPDLPQDTFIQFPGWTKGQVWINGFNLGRYWP
 ARGPQLTLFVPQHILMTSAPNTITVLELEWAPCSSDDPELCAVTFVDRPVIGSSVTYDHPSPVEKRL
 MPPPPQKNKDSWLDHV

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — GLB1

Entrez GeneID

[2720](#)

GeneBank Accession#

[BC007493.2](#)

Protein Accession#

[AAH07493.1](#)

Gene Name	GLB1
Gene Alias	EBP, ELNR1
Gene Description	galactosidase, beta 1
Omim ID	230500 611458
Gene Ontology	Hyperlink
Gene Summary	This gene encodes beta-galactosidase-1, a lysosomal enzyme that hydrolyzes the terminal beta-galactose from ganglioside substrates and other glycoconjugates. Defects in this gene are the cause of GM1-gangliosidosis and Morquio B syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	elastin receptor 1, 67kDa

Pathway

- [Galactose metabolism](#)
- [Glycosaminoglycan degradation](#)
- [Glycosphingolipid biosynthesis - ganglio series](#)
- [Lysosome](#)
- [Metabolic pathways](#)
- [Other glycan degradation](#)
- [Sphingolipid metabolism](#)

Disease

- [Tobacco Use Disorder](#)