

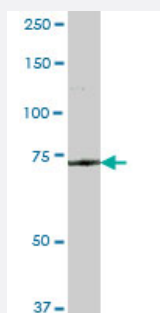
MaxPab®

GLB1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002720-B01P

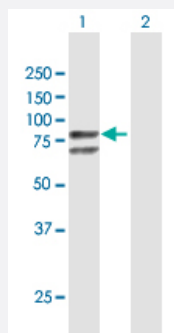
Size 50 ug

Applications



Western Blot (Tissue lysate)

GLB1 MaxPab polyclonal antibody. Western Blot analysis of GLB1 expression in human pancreas.



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(74.47 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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 GGLPAWLLEKESILLRSSDPDYLAAVDKWLGVLPLPKMKPLLYQNGGPVITVQVENEYGSYFACDF DYLRFLLQKRFRHHLGDDVVLFTTDGAHKTFLLKCGALQGLYTTVDFGTGSNITDAFLSQRKCEPKG PLINSEFYTGWLDHWGQPHSTIKTEAVASSLYDILARGASVNL YMFIGGTNFAYWNGANSPYAAQP TSYDYDAPLSEAGDLTEKYFALRNIIQKFEKVPEGPIPPSTPKFAYGKVTLEKLKTVGAALDILCPSG PIKSLYPLTFIQVKQHYGFVLYRTTLPQDCSNPAPLSSPLNGVHDRAVAVDGIQGVLERNNVITL NITGKAGATDLLVENMGRVNYGAYINDFKGLVSNLTLSSNILTDWTIFPLDTEDAVRSHLGGWGHR DSGHHDEAWAHNSSNYTLPAFYMGNFSSIPSGIPDLPQDTFIQFPGWTKGQVWINGFNLGRYWPARG GPQLTLFVPQHILMTSAPNTITVLELEWAPCSSDDPELCAVTFVDRPVIGSSVTYDHPSPVEKRL MPPPPQKNKDSWLDHV
Host	Mouse
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 (Tissue lysate)

GLB1 MaxPab polyclonal antibody. Western Blot analysis of GLB1 expression in human pancreas.

[Protocol Download](#)

- 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(74.47 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — GLB1

Entrez GeneID	2720
GeneBank Accession#	NM_000404.1
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](#)