

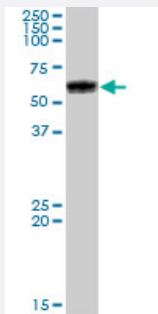
MaxPab®

GBA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002629-B01P

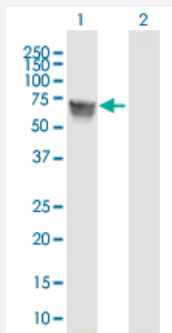
Size 50 ug

Applications



Western Blot (Cell lysate)

GBA MaxPab polyclonal antibody. Western Blot analysis of GBA expression in U-2 OS.



Western Blot (Transfected lysate)

Western Blot analysis of GBA expression in transfected 293T cell line ([H00002629-T01](#)) by GBA MaxPab polyclonal antibody.

Lane 1: GBA transfected lysate(58.96 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GBA protein.

Immunogen

GBA (AAH03356.1, 1 a.a. ~ 536 a.a) full-length human protein.

Sequence	MEFSSPSREECPKPLSRVSIAGSLTGLLLLQAVSWASGARPCIPKSFGYSSVVCVCNATYCDS FDPPTFPALGTFSTRYESTRSGRMELSMGPIQANHTGTGLLLTLQPEQKFQKVKGFGGAMTDAA ALNILALSPPAQNLLLKSYFSEEGIGYNIIRVPMASCDFSIRTYTYADTPDDFQLHNFSLPEEDTKLKI PLIHRALQLAQRPVSLASPWTSPTWLKTNGAVNGKGS�KGQPGDIHQWARYFVKFLDAYAEH KLQFWAVTAENEPSAGLLSGYPFQCLGFTPEHQRFIARDLGPTLANSTHHNVRLMLDDQRLLL PHWAKVVLTDPEAAKYVHGIHVHLYDLAPAKATLGETHRLFNTMLFASEACVGSKFWEQSV RLGSWDRGMQYSHSIITNLLYHVVGWTDWNLALNPEGGPNNVRFVDSPINVDITKDTFYKQPMFY HLGHFSKFIPEGSQRVGLVASQKNDLDAVALMHPDGSVVVVLNRSSKDVPLTIKDPVAVGFLETI SPGYSIHTYLWRRQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (88)
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)

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[Protocol Download](#)

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Gene Info — GBA

Entrez GeneID	2629
GeneBank Accession#	NM_000157.2
Protein Accession#	AAH03356.1

Gene Name	GBA
Gene Alias	GBA1, GCB, GLUC
Gene Description	glucosidase, beta; acid (includes glucosylceramidase)
Omim ID	230800 230900 231000 231005 606463 608013
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of glycosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher disease, a lysosomal storage disease characterized by an accumulation of glucocerebrosides. A related pseudogene is approximately 12 kb downstream of this gene on chromosome 1. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]
Other Designations	D-glucosyl-N-acylsphingosine glucosylhydrolase[OTTHUMP00000033992][OTTHUMP00000033993][glucocerebrosidase][glucocerebrosidase (alt.)][lysosomal glucocerebrosidase]

Pathway

- [Lysosome](#)
- [Metabolic pathways](#)
- [Other glycan degradation](#)
- [Sphingolipid metabolism](#)

Disease

- [Alzheimer disease](#)
- [Bone Diseases](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Cystic fibrosis](#)
- [Deafness](#)
- [Dementia](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Edema](#)
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