

DNAxPAb

Hard-to-Find
Antibody

GBA DNAxPab

Catalog # H00002629-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GBA DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEFSSPSREECPKPLSRVSIMAGSLTGLLLLQAVSWASGARPCIPKSFGYSSVVCVCNATYCDS FDPPTFPALGTFSRYESTRSGRMELSMGPIQANHTGTGLLLTLQPEQKFQKVKGFGGAMTDAA ALNILALSPPAQNLLKSYFSEEGIGYNIIRVPMASCDFSIRTYTYADTPDDFQLHNFSLPEEDTKLKI PLIHRALQLAQRPVSLASPWTSPWLKTNGAVNGKGS�KGQPGDIHQTWARYFVKFLDAYAEH KLQFWAVTAENEPSAGLLSGYPFQCLGFTPEHQRDFIARDLGPTLANSTHHNVRLMLDDQRLLL PHWAKVVLTDPEAAKYVHGIAVHWYLDLAPAKATLGETHRLFNTMLFASEACVGSKFWEQSV RLGSWDRGMQYSHSIITNLLYHVVGWTDWNLALNPEGPNWVRNFVDSPIVDITKDTFYKQPMFY HLGHFSKFIPEGSQRVGLVASQKNDLDAVALMHPDGSVVVVLNRSSKDVPLTIKDPAVGFLETI SPGYSIHTYLWRRQ
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 — GBA

Entrez GeneID [2629](#)

GeneBank Accession# [BC003356.1](#)

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](#)
- [Epilepsy](#)
- [Essential tremor](#)
- [Gaucher disease](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypergammaglobulinemia](#)
- [Hypertension](#)
- [Lewy Body Disease](#)
- [Multiple Myeloma](#)
- [Multiple System Atrophy](#)
- [Neoplasms](#)
- [Nervous System Diseases](#)
- [Neuropsychological Tests](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)
- [Postmortem Changes](#)
- [Supranuclear Palsy](#)