

DNAxPAb

Hard-to-Find
Antibody

GUSB DNAxPab

Catalog # H00002990-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human GUSB DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MARGSAVAWAALGPLLWGCALGLQGGMLYPQESPSRECKELDGLWSFRADFSNRRRGFEE
QWYRRPLWESGPTVDMPVPSSFNDISQDWRLRHFVGVVWYEREVILPERWTQDLRTRVVLRI
SAHSYAIVWVNGVDTLEHEGGYLPFEADISNLVQVGPLPSRLRITAINNTLTPTTLPPTIQYLT
DTS KYPKGYFVQNTYFDFFNYAGLQRSVLLYTPTTYIDITVTTSEQDSGLVNYQISVKGSNLF
KLEVR LLDAENKVVANGTGTQGQLKVPGLVSLWWPYLMHERPAYLSLEVQLTAQTS
LGPVSDFYTLPVGIRTVAVTKSQFLINGKPFYFHGVNKHEDADIRGKGFDWPLLVKDFNLLRW
LGANAFRTSHYPYAE VMQMCDRYGIVVIDECPGVGLALPQFFNNVSLHHMQVMEEVVR
RDKNHPAVVMWSVANEPAS HLESAGYYLKMVIAHTKSLDPSRPVTFVSNSNYAADKGA
PYVDVICLNSYYSWYHDYGHLELIQLQL ATQFENWYKKYQKPIIQSEYGAETIAGFHQD
PPLMFTTEEYQKSLLEQYHLGLDQKRRKYVVGELIWNFADFMTESQSPTRVLGNKKGIF
TRQRQPKSAAFLLRERYWKIANETRYPHSVAKSQCLENSPFT

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 — GUSB

Entrez GeneID [2990](#)

GeneBank Accession# [NM_000181.1](#)

Protein Accession# [NP_000172.1](#)

Gene Name GUSB

Gene Alias FLJ39445, MPS7

Gene Description glucuronidase, beta

Omim ID [253220 611499](#)

Gene Ontology [Hyperlink](#)

Gene Summary The GUSB gene encodes beta-glucuronidase (EC 3.2.1.31), a lysosomal hydrolase involved in the stepwise degradation of glucuronic acid-containing glycosaminoglycans (Shipley et al., 1993 [PubMed 7680524]). It is a tetrameric glycoprotein composed of identical subunits (Oshima et al., 1987 [PubMed 3468507]). The GUSB gene is mutated in mucopolysaccharidosis type VII (MPS7; MIM 253220).[supplied by OMIM]

Other Designations -

Pathway

- [Drug metabolism - other enzymes](#)
- [Glycosaminoglycan degradation](#)
- [Lysosome](#)
- [Metabolic pathways](#)
- [Pentose and glucuronate interconversions](#)

- [Porphyrin and chlorophyll metabolism](#)
- [Starch and sucrose metabolism](#)

Disease

- [Mucopolysaccharidosis VII](#)