

DNAxPAb

Hard-to-Find
Antibody

GNPTG DNAxPab

Catalog # H00084572-W01P

Size 200 ug

Specification

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

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MAAGLARLLLLLGLSAGGPAPAGAAKMKVVEEPNAFGVNNPFLPQASRLQAKRDPSPVSGPVH
LFRLSGKCFSLVESTYKYEFCPFHNVTQHEQTFRWNAYSGILGIWHEWEIANNTFTGMWMRDGD
CRSRSRQSKVELACGKSNRLAHVSEPSTCVYALTFETPLVCHPHALLVYPTLPEALQRQWDQVE
QDLADELITPQGHEKLLRTLFEADAGYLKTPEENEPTQLEGGPDSLGFETLENCRAHKELSKEIKR
LKGLLTQHGIPYTRPTETSNLEHLGHETPRAKSPEQLRGDPGLRGSL

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 — GNPTG

Entrez GeneID	84572
GeneBank Accession#	NM_032520.3
Protein Accession#	NP_115909.1
Gene Name	GNPTG
Gene Alias	C16orf27, GNPTAG, LP2537, RJD9
Gene Description	N-acetylglucosamine-1-phosphate transferase, gamma subunit
Omim ID	252605 607838
Gene Ontology	Hyperlink
Gene Summary	UDP-N-acetylglucosamine:lysosomal-enzyme N-acetylglucosamine-1-phosphotransferase (GlcNAc-phosphotransferase) catalyzes the initial step in the synthesis of the mannose 6-phosphate determinant required for efficient intracellular targeting of newly synthesized lysosomal hydrolases to the lysosome. GlcNAc-phosphotransferase is an alpha-2/beta-2/gamma-2 hexameric complex, the enzyme product of 2 genes, 1 encoded by a gene on chromosome 16 (GNPTG) and the other by a gene on chromosome 12 (GNPTAB; MIM 607840).[supplied by OMIM]
Other Designations	GlcNAc-phosphotransferase gamma-subunit N-acetylglucosamine-1-phosphotransferase, gamma subunit