

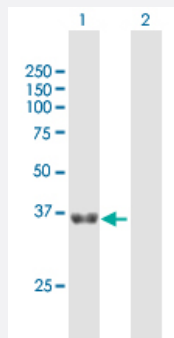
MaxPab®

GNPTG purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00084572-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GNPTG expression in transfected 293T cell line ([H00084572-T02](#)) by GNPTG MaxPab polyclonal antibody.

Lane 1: GNPTG transfected lysate(33.55 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GNPTG protein.
Immunogen	GNPTG (NP_115909.1, 1 a.a. ~ 305 a.a) full-length human protein.
Sequence	MAAGLARLLLLLGLSAGGPAPAGAAKMKVVEEPNAFGVNNPFLPQASRLQAKRDPSPVSGPVH LFRLSGKCFSLVESTYKYEFCPFHNVTQHEQTFRWNAYSGILGWHEWEIANNFTGMWMRDGD CRSRSRQSKVELACGKSNRLAHVSEPSTCVYALTFETPLVCHPHALLVYPTLPEALQRQWDQVE QDLADELITPQGHEKLLRTLFEADAGYLKTPEENEPTQLEGGPDSLGFETLENCRAHKELSKEIKR LKGLLTQHGIPYTRPTETSNLEHLGHETPRAKSPEQLRGDPGLRGSL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (78)
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.

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[Protocol Download](#)

Gene Info — GNPTG

Entrez GeneID	84572
GeneBank Accession#	NM_032520
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