

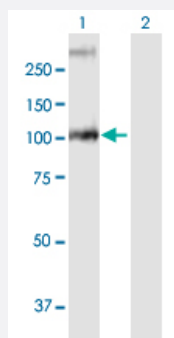
MaxPab®

GBA2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00057704-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GBA2 expression in transfected 293T cell line ([H00057704-T01](#)) by GBA2 MaxPab polyclonal antibody.

Lane1:GBA2 transfected lysate(101.97 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GBA2 protein.

Immunogen

GBA2 (NP_065995.1, 1 a.a. ~ 927 a.a) full-length human protein.

Sequence

MGTQDPGNMGTGVPASEQISCAKEDPQVYCPEETGGTKDVQVTDCKSPEDSRPPKETDCCNP
EDSGQLMVSIEGKAMGYQVPPFGWRICLAHEFTEKRKPFQANNVSLNMIKHIGMGLRYLQWWY
RKTHVEKKTTPFIDMINSVPLRQYGCPLGGIGGGTITRGWGRQFCRWQLNPGMYQHRTVIADQFTV
CLRREGQTVYQQVLSLERPSVLRSWNWGLCGYAFYHALYPRAWTVYQLPGQNVTLTCRQITPIL
PHDYQDSSLPVGVFVWDVENEGDEALDVSIMFSMRNGLGGGDDAPGGLWNEPFCLEERSGETV
RGLLLHHPTLPNPYTMVAARVTAATTVTHITAFDPDSTGQQVWQDLLQDGLDSTPTGQSTPTQK
GVGIAGAVCVSSKLRPRGQCRLEFSLAWDMPRIMFGAKGQVHYRRYTRFFGQDGAAPALSHYA
LCRYAEWEERISAWQSPVLDDRSLPAWYKSALFNELYFLADGGTVWLEVLEDSLPEELGRNMC
HLRPTLRDYGRFGYLEGQEYRMINTYDVHFYASFALIMLWPKLELSQYDMALATLREDLTRRRYL
MSGVMAPVKRRNVIPHDIGDPDDEPWLRVNAYLIHDTADWKDLNLKFVLQVYRDYYLTGDNFLK
DMWPVCLAVMESEMKFDKDHGLIENGGYADQTYDGWVTTGPSAYCGGLWLA AVAVMVQMAA
LCGAQDIQDKFSSILSRGQEAYERLLWNGRYNYDSSSRPQSRVMSDQCAGQWFLKACGLGE
GDTEVFPTQHVVRLQTIFELNVQAFAGGAMGAVNGMQPHGVDPKSSVQSDEVVWGVVYGLAA
TMIQEGLTWEGFQTAEGCYRTVWERLGLAFQTPEAYCQQRVFRSLAYMRPLSWAMQLALQQQQ
HKKASWPKVKQGTGLRTGPMFGPKEAMANLSPE

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (89)
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 — GBA2

Entrez GeneID	57704
GeneBank Accession#	NM_020944.2
Protein Accession#	NP_065995.1
Gene Name	GBA2
Gene Alias	AD035, DKFZp762K054, KIAA1605, MGC16895
Gene Description	glucosidase, beta (bile acid) 2
Omim ID	609471
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a microsomal beta-glucosidase that catalyzes the hydrolysis of bile acid 3-O-glucosides as endogenous compounds. Studies to determine subcellular localization of this protein in the liver indicated that the enzyme was mainly enriched in the microsomal fraction where it appeared to be confined to the endoplasmic reticulum. This putative transmembrane protein is thought to play a role in carbohydrate transport and metabolism. [provided by RefSeq]
Other Designations	OTTHUMP00000022759 bile acid beta-glucosidase non-lysosomal glucosylceramidase