

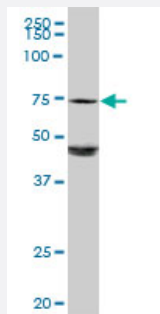
MaxPab®

GALC purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002581-D01P

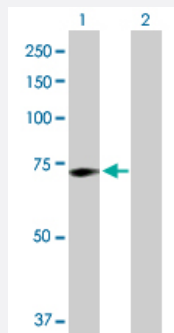
Size 100 ug

Applications



Western Blot (Cell lysate)

GALC MaxPab rabbit polyclonal antibody. Western Blot analysis of GALC expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of GALC expression in transfected 293T cell line ([H00002581-T02](#)) by GALC MaxPab polyclonal antibody.

Lane 1: GALC transfected lysate(75.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GALC protein.

Immunogen

GALC (AAH36518.1, 1 a.a. ~ 669 a.a) full-length human protein.

Sequence	MTAAAGSAGRAAVPLLLCALLAPGGAYVLDDSDGLGREFDGIGAVSGGGATSRLLVNYPEPYRS QILDYLFKPNFGASLHILKVEIGGDGQTTDGTETPSHMHYALDENYFRGYEWWLMKEAKKRNPNTLI GLPWSFPGWLKGFDWPYVNLQLTAYVVTWVGAARYHDLDDIDYIGWNERSYNANYIKILRKMLN YQGLQRVKIIASDNLWESISASMLLDAELFKVVDVIGAHYPGTHSAKDAKLTGKKLWSSEDFSTLN SDMGAGCWGRILNQNYINGYMTSTIAWNLVASYEQLPYGRCGLMTAQEPWSGHYVVEPVVWS AHTTQFTQPGWYYLKTGVHLEKGGSYVALTDGLGNLTIIETMSHKHSCIRPFLPYFNVSQQFATF VLKGSFSEIPELQVWYTKLGKTSERFLFKQLDSLWLLSDGSFTLSLHEDELFTLTTLTTGRKGSY PLPPKSQPFSTYKDDFNVDYPFFSEAPNFADQTVFEYFTNIEDPGEHHFTLRQVLNQRPITWA ADASNTISIIGDYNWTNLTTKCDVYIETPDTGGVFIAGRVNKGKILIRSARGIFFWIFANGSYRVTDGLA GWIIYALGRVEVTAKKWYTLTLTIKGFHFGMLNDKSLWTDIPVNFPPKNGWAAIGTHSFEFAQFDN FLVEATR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84)
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](#)

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[Protocol Download](#)

Gene Info — GALC

Entrez GeneID [2581](#)

GeneBank Accession# [BC036518.2](#)

Protein Accession#	AAH36518.1
Gene Name	GALC
Gene Alias	-
Gene Description	galactosylceramidase
Omim ID	245200 606890
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a lysosomal protein which hydrolyzes the galactose ester bonds of galactosylceramide, galactosylsphingosine, lactosylceramide, and monogalactosyldiglyceride. Mutations in this gene have been associated with Krabbe disease, also known as globoid cell leukodystrophy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	GALCERase OTTHUMP00000027906 galactocerebrosidase galactocerebroside beta-galactosidase galactosylceramide beta-galactosidase galactosylceraminidase

Pathway

- [Lysosome](#)
- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)