GALC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GALC, Polyclonal Antibody
Full Product Name	GALC rabbit pAb
Product Gene Name	anti-GALC antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	685
Chromosome Location	Chromosome: 14; NC_000014.8 (88304164..88460009, complement). Location: 14q31
OMIM	245200
3D Structure	ModBase 3D Structure for P54803
Product Categories/Family for anti-GALC antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GALC antibody	Western Blot (WB)
Application Notes for anti-GALC antibody	WB: 1:500-2000
Related Product Information for anti-GALC antibody	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, Jul 2008]
Other Notes	Small volumes of anti-GALC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GALC purchase	MBS8598791 is an antibody targeting GALC. Also known as GALC rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GALC. It may not necessarily be applicable to this product.

NCBI GI #	83281450
NCBI GeneID	2581
NCBI Accession #	NP_000144.2
UniProt Primary Accession #	P54803

UniProt Secondary Accession #	Q8J030; B4DKE8; B4DYN1; B4DZJ8; B7Z7Z2; J3KPP8
UniProt Related Accession #	P54803
GenBank Nucleotide #	NM_000153.3
NCBI Official Full Name	galactocerebrosidase isoform a
NCBI Official Synonym Full Names	galactosylceramidase
NCBI Official Symbol	GALC
UniProt Protein Name	Galactocerebrosidase
UniProt Synonym Protein Names	Galactocerebroside beta-galactosidase; Galactosylceramidase; Galactosylceramide beta-galactosidase
Protein Family	4-carboxy-4-hydroxy-2-oxoadipic acid aldolase
UniProt Gene Name	GALC
UniProt Synonym Gene Names	GALCERase
UniProt Entry Name	GALC_HUMAN
NCBI Protein Information	galactocerebrosidase; GALCERase; galactosylceraminidase; galactocerebroside beta-galactosidase; galactosylceramide beta-galactosidase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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