

MaxPab®

GLS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00027165-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GLS2 protein.
Immunogen	GLS2 (AAI66649.1, 1 a.a. ~ 602 a.a) full-length human protein.
Sequence	MRSMKALQKALSRAGSHCGRGGWGHPSRSPLLGGGVRHHLSEAAAQGRETPHSHQPQHGDH DSSESGMLSRLGDLLEYTIAEGQERIPHKFTTALKATGLQTS DPRLRDCMSEMRVQESSGGL LDRDLFRKCVSSNVLTLQAFRKKFVIPDFEFTGHVDRIFEDVKELTGKVAAYPQLAKSNPDL WGVSLCTVDGQRHSGHTKIPFCLQSCVKPLTYAISITLGTDYVHKFVGKEPSGLRYNKLSLNEE GIPHNPVMV NAGAMVSSLIKMDCNKAEKDFVLQYLNKMAGNEYMGFSNATFQSEKETGDRNYAI GYLKEKKCFPKGVDMMAALDLYQLCSVEVTCESGSVMAATLANGGICPITGESVLSAEAVRNT LSLMHSCGMYDFSGQFAFHVGLPAKSAVSGAILLVVPNVMMGMMCLSPPLDKLGNSHRGTSFCQ KLVSLFNFNHNYDNLRHCAKLDPRREGAEIRNKTVVNLLFAAYSGDVSALRRFALSAMDMEQKDY DSRTLHVAAAEGHIEVVKFLIEACKVNPFAKDRWGNIPLD DAVQFNHLEVVKLLQDYQDSYTLS ETQAEAAA EALSKENLESMV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
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](#)

Gene Info — GLS2

Entrez GeneID	27165
GeneBank Accession#	BC166649.1
Protein Accession#	AA166649.1
Gene Name	GLS2
Gene Alias	GA, GLS, LGA, MGC71567, hLGA
Gene Description	glutaminase 2 (liver, mitochondrial)
Omim ID	606365
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a mitochondrial phosphate-activated glutaminase that catalyzes the hydrolysis of glutamine to stoichiometric amounts of glutamate and ammonia. This protein is functionally similar to the kidney glutaminase but is a little smaller in size. Originally thought to be liver-specific, this protein has been found in other tissues as well. At least one transcribed pseudo gene has been found for this gene. [provided by RefSeq]
Other Designations	L-glutaminase L-glutamine amidohydrolase breast cell glutaminase glutaminase 2 glutaminase GA glutaminase I glutaminase, liver phosphate-activated glutaminase phosphate-dependent glutaminase

Pathway

- [Alanine](#)
- [Arginine and proline metabolism](#)
- [D-Glutamine and D-glutamate metabolism](#)
- [Metabolic pathways](#)
- [Nitrogen metabolism](#)

Disease

- [Schizophrenia](#)