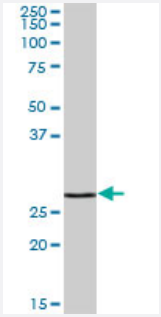
MaxPab®

GAMT purified MaxPab mouse polyclonal antibody (B01P)

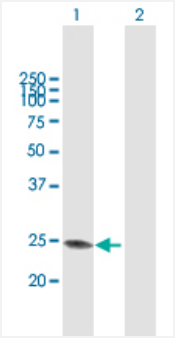
Catalog # H00002593-B01P Size 50 ug

Applications



Western Blot (Tissue lysate)

GAMT MaxPab polyclonal antibody. Western Blot analysis of GAMT expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of GAMT expression in transfected 293T cell line (H00002593-T01) by GAMT MaxPab polyclonal antibody.

Lane 1: GAMT transfected lysate(25.96 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GAMT protein.
Immunogen	GAMT (NP_000147.1, 1 a.a. ~ 236 a.a) full-length human protein.
Sequence	MSAPSATPIFAPGENCSPAWGAAPAAYDAADTHLRILGKPVMERWETPYMHALAAAASSKGGR VLEVGFGMAIAASKVQEAPIDEHWIIECNDGVFQRLRDWAPRQTHKVIPLKGLWEDVAPTLPDGH FDGILYDTYPLSEETWHTHQFNFIKNHAFRLLKPGGVLTYCNLTSWGELMKSKYSDITIMFEETQVP ALLEAGFRRENIRTEVMALVPPADCRYYAFPQMITPLVTKG
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (88); Rat (87)
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 (Tissue lysate)

  GAMT MaxPab polyclonal antibody. Western Blot analysis of GAMT expression in human liver.

  Protocol Download

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  Protocol Download

Gene Info — GAMT

Entrez GeneID	2593
GeneBank Accession#	NM_000156.4
Protein Accession#	NP_000147.1
Gene Name	GAMT
Gene Alias	PIG2, TP53I2
Gene Description	guanidinoacetate N-methyltransferase
Omim ID	601240
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects in this gene have been implicated in neurologic syndromes and muscular hypotonia, probably due to creatine deficiency and accumulation of guanidinoacetate in the brain of affected individuals. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq
Other Designations	-

Pathway

- Arginine and proline metabolism
- Glycine
- Metabolic pathways

Disease

- Spinal Dysraphism