DNAxPAb | Hard-to-Find Antibody

AGXT DNAxPab

Catalog # H00000189-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AGXT DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASHKLLVTPLKALLKPLSIPNQLLLGPGPSNLPPRIMAAGGLQMIGSMSKDMYQIMDEIKEGIQYV FQTRNPLTLVISGSGHCALEAALVNVLEPRDSFLVGANGIWGQRAVDIGERIGARVHPMTKDPGG HYTLQEVEEGLAQHKPVLLFLTHGESSTGVLQPLDGFGELCHRYKCLLLVDSVASLGGTPLYMDR QGIDILYSGSQKALNAPPGTSLISFSDKAKKKMYSRKTKPFSFYLDIKWLANFWGCDDQPRMYHHT IPVISLYSLRESLALIAEQGLENSWRQHREAAAYLHGRLQALGLQLFVKDPALRLPTVTTVAVPAGY DWRDIVSYVMDHFDIEIMGGLGPSTGKVLRIGLLGCNATRENVDRVTEALRAALQHCPKKKL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76); Rat (79)
Purification	Protein A
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

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — AGXT

Entrez GeneID	189
GeneBank Accession#	AK315331.1
Protein Accession#	BAG37731.1
Gene Name	AGXT
Gene Alias	AGT, AGT1, AGXT1, PH1, SPAT, SPT, TLH6
Gene Description	alanine-glyoxylate aminotransferase
Omim ID	259900 604285
Gene Ontology	Hyperlink
Gene Summary	This gene is expressed only in the liver and the encoded protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in this gene, some of which alter subcellular targetting, have been associated with type I primary hyperoxaluria. [provided by RefSeq
Other Designations	L-alanine: glyoxylate aminotransferase 1|hepatic peroxisomal alanine:glyoxylate aminotransferase|serine-pyruvate aminotransferase|serine:pyruvate aminotransferase

Pathway

- Alanine
- Glycine
- Metabolic pathways

Disease

- Colorectal Neoplasms
- Hyperoxaluria

- Kidney Failure
- Nervous System Diseases