

GALT rabbit monoclonal antibody

Catalog # H00002592-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GALT peptide using ARM Technology.
Immunogen	A synthetic peptide of human GALT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GALT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GALT

Entrez GeneID	2592
GeneBank Accession#	GALT
Gene Name	GALT
Gene Alias	-
Gene Description	galactose-1-phosphate uridylyltransferase
Omim ID	230400 606999
Gene Ontology	Hyperlink
Gene Summary	Galactose-1-phosphate uridyl transferase (GALT) catalyzes the second step of the Leloir pathway of galactose metabolism, namely the conversion of UDP-glucose + galactose-1-phosphate to glucose-1-phosphate + UDP-galactose. The absence of this enzyme results in classic galactosemia in humans and can be fatal in the newborn period if lactose is not removed from the diet. The pathophysiology of galactosemia has not been clearly defined. [provided by RefSeq]
Other Designations	OTTHUMP00000021298 galactose-1-phosphate uridyl transferase

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Galactose metabolism](#)
- [Metabolic pathways](#)

Disease

- [Amenorrhea](#)
- [Cataract](#)
- [Diabetes Mellitus](#)
- [Endometriosis](#)

- [Galactosemias](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Mental Retardation](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Phenylketonuria](#)
- [Phenylketonurias](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Syndrome](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)