

DNAxPAb

Hard-to-Find
Antibody

GALT DNAxPab

Catalog # H00002592-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GALT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSRSGTDPQQRQQASEADAAAATFRANDHQHIRYNPLQDEWVLVSAHRMKRPWQQGQVEPQLL KTVPRHDP LNPLCPGAIRANGEVNPQYDSTFLFDNDFPALQPDAPSPGPSDHPLFQA KSARGVC KVMCFHPWSDVTLPLMSVPEIRAVVDAWASVTEELGAQYPWWQIFENKGAMMGCSNPHPHCQ VWASSFLPDIAQREERSQQAYKSQHGEPLLMEYSRQELLRKERLVL TSEHWLVLVPFWATWPYQ TLLLP RRHVRRLPELTPAERDDLASIMKKLLTKYDNL FETSF PYSMGWHGAPTGSEAGANWDHW QLHAHYPP LLRSATVRKFMVGYEMLAQ AQRDLTPEQAAERLRALPEVHYHLGQKDRETATIA
Host	Rabbit
Reactivity	Human
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 — GALT

Entrez GeneID	2592
GeneBank Accession#	BC015045
Protein Accession#	AAH15045
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](#)