

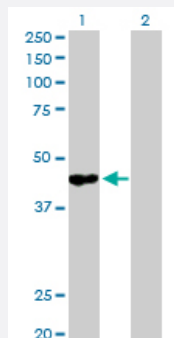
MaxPab®

GALT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002592-D01P

Size 100 ug

Applications

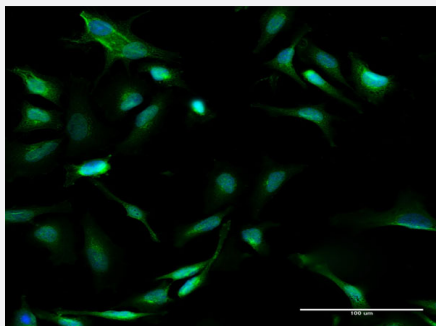


Western Blot (Transfected lysate)

Western Blot analysis of GALT expression in transfected 293T cell line ([H00002592-T01](#)) by GALT MaxPab polyclonal antibody.

Lane 1: GALT transfected lysate(43.40 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GALT on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GALT protein.

Immunogen

GALT (AAH15045.1, 1 a.a. ~ 379 a.a) full-length human protein.

Sequence

MSRSGTDPQQRQQASEADAAAATFRANDHQHIRYNPLQDEWVLVSAHRMKRPWQQGQVEPQLL
KTVPRHDPLNPLCPGAIRANGEVNPQYDSTFLFDNDFPALQPDAPSPGPSDHPLFQAQSARGVC
KVMCFHPWSDVTLPLMSVPEIRAVVDAWASVTEELGAQYPWWQIFENKGAMMGCSNPHPHCQ
VWASSFLPDIAQREERSQQAYKSQHGEPLLMEYSRQELLRKERLVLTSSEHWLVLVPFWATWPYQ
TLLPRRHVRRLPELTPAERDDLASIMKKLLTKYDNLFFETSPYSMGWHGAPTGSEAGANWDHW
QLHAHYPPLLRSATVRKFMVGYEMLAQQRDLTPEQAAERLRALPEVHYHLGQKDRETATIA

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (89)
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)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GALT on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — GALT

Entrez GeneID	2592
GeneBank Accession#	BC015045.2
Protein Accession#	AAH15045.1
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](#)