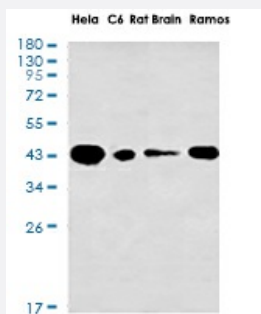


RecomAb™

GALT recombinant monoclonal antibody, clone R05-7G7

Catalog # RAB01448 Size 100 uL

Applications



Western Blot

Western blot analysis of GALT in Hela, C6, rat Brain, Ramos lysates using GALT antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GALT.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human GALT.
Theoretical MW (kDa)	Calculated MW: 43 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of GALT in Hela, C6, rat Brain, Ramos lysates using GALT antibody.

- Immunoprecipitation

Gene Info — GALT

Entrez GeneID[2592](#)**Protein Accession#**[P07902](#)**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](#)