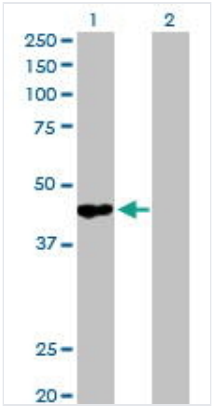
GALT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GALT, Polyclonal Antibody
Full Product Name	GALT (Galactose-1-phosphate Uridylyltransferase, Gal-1-P Uridylyltransferase, UDP-glucose-hexose-1-phosphate Uridylyltransferase) (AP)
Product Gene Name	anti-GALT antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human GALT.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri
Immunogen	Full length human GALT, aa1-379 (AAH15045.1).
Immunogen Sequence	MSRSGTDPQQRQQASEADAAAATFRANDHQHIRYNPLQDEWVLVSAHRMKRPWQGQVEPQLLKTVPRHDPLNPLCPGAIRANGEVNPQYDSTFLFDN
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-GALT antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-GALT antibody	Western Blot (WB)
Application Notes for anti-GALT antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-GALT antibody	MBS6379351 is an antibody targeting GALT. Also known as GALT (Galactose-1-phosphate Uridylyltransferase, Gal-1-P Uridylyltransferase, UDP-gluc
Other Notes	Small volumes of anti-GALT antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa



Western Blot (WB) of anti-GALT antibody
Western Blot analysis of GALT expression in transfected 293T cell line by GALT polyclonal antibody. Lane 1: GALT transfected lysate (43.4kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GALT. It may not necessarily be applicable to this product.

NCBI GI #	34783207
NCBI GeneID	2592
NCBI Accession #	BC015045.2
NCBI Related Accession #	AAH15045.1
UniProt Related Accession #	P07902
NCBI Official Full Name	Homo sapiens galactose-1-phosphate uridylyltransferase, mRNA
NCBI Official Synonym Full Names	galactose-1-phosphate uridylyltransferase
NCBI Official Symbol	GALT
Protein Family	Galactose-1-phosphate uridylyltransferase
NCBI Protein Information	galactose-1-phosphate uridylyltransferase
NCBI Summary for GALT	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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
Research Articles on GALT	**1.** Biallelic pathogenic variants in the GALT gene are associated with galactosemia.
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