

Rabbit anti-Human, mouse Galactose-1-phosphate uridylyltransferase Polyclonal Antibody | anti-GALT antibody

Rabbit anti-human Galactose-1-phosphate uridylyltransferase polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229970	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA

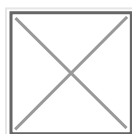
PRODUCT SYNONYMS

Galactose-1-phosphate uridylyltransferase; Polyclonal Antibody; Rabbit anti-human Galactose-1-phosphate uridylyltransferase polyclonal Antibody; UDP-glucose--hexose-1-phosphate uridylyltransferase GALT; anti-GALT antibody

PRODUCT SPECIFICATIONS

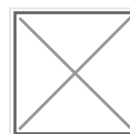
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	379
Applicable Applications for anti-GALT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Galactose-1-phosphate uridylyltransferase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-162839
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



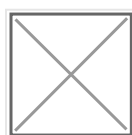
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA229970 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



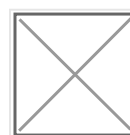
WB (Western Blot)

Western BlotPositive WB detected in: Rat liver tissue,Mouse kidney tissueAll lanes: GALT antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 44,32 KDaObserved band size: 44 KDa



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA229970 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA229970 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: GALT antibody at 2ug/ml+mouse small intestine tissueSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 44,32 kDaObserved band size: 43 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GALT antibody	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. 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.
Product Categories/Family for anti-GALT antibody	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	22165416
NCBI GeneID	2592
NCBI Accession #	NP_000146.2
NCBI GenBank Nucleotide #	NM_000155.3
UniProt Accession #	P07902; Q14355; Q14356; Q14357; Q14358; Q14359; Q14360; Q14361; Q14363; Q14364; B4E097; E7ET32
Molecular Weight	31,107 Da
NCBI Official Full Name	galactose-1-phosphate uridylyltransferase isoform 1
NCBI Official Synonym Full Names	galactose-1-phosphate uridylyltransferase
NCBI Official Symbol	GALT
NCBI Protein Information	galactose-1-phosphate uridylyltransferase
UniProt Protein Name	Galactose-1-phosphate uridylyltransferase
UniProt Gene Name	GALT
UniProt Synonym Gene Names	Gal-1-P uridylyltransferase
UniProt Entry Name	GALT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/galactose-1-phosphate-uridylyltransferase-antibody-immunohistochemistry-western-blot-elisa/229970>