

Rabbit GALT Polyclonal Antibody | anti-GALT antibody

GALT Polyclonal Antibody

CATALOG # AAA280045	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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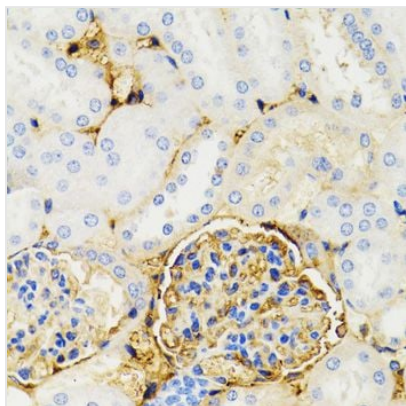
PRODUCT SYNONYMS

GALT; Polyclonal Antibody; GALT Polyclonal Antibody; anti-GALT antibody

PRODUCT SPECIFICATIONS

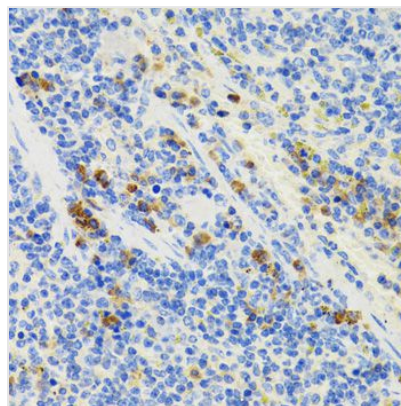
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	379
Applicable Applications for anti-GALT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human GALT
Calculated Molecular Weight	43kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



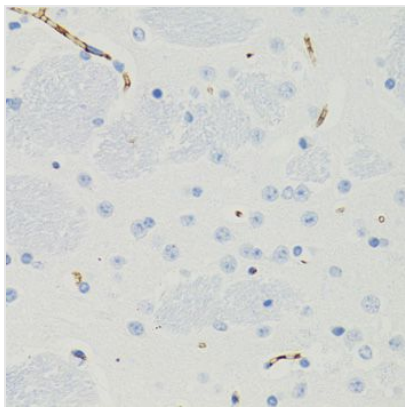
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using GALT antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using GALT antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using GALT antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-GALT antibody	Galactose-1-phosphate uridylyl 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.
Product Categories/Family for anti-GALT antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	3183522
NCBI GeneID	2592
UniProt Accession #	P07902; Q14355; Q14356; Q14357; Q14358; Q14359; Q14360; Q14361; Q14363; Q14364; B4E097; E7ET32
Molecular Weight	379
NCBI Official Full Name	Galactose-1-phosphate uridylyltransferase
NCBI Official Synonym Full Names	galactose-1-phosphate uridylyltransferase
NCBI Official Symbol	GALT
NCBI Protein Information	galactose-1-phosphate uridylyltransferase; gal-1-P uridylyltransferase; galactose-1-phosphate uridylyl transferase; UDP-glucose--hexose-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.