

Datasheet for ABIN781864

anti-GALT antibody**3** Images[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	GALT
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GALT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	GALT antibody was raised against recombinant protein
Clone:	4C11
Isotype:	IgG2a
Specificity:	This antibody reacts to GALT.
Purification:	Protein A chromatography

Target Details

Target:	GALT
Alternative Name:	GALT (GALT Products)
Background:	Galactose-1-phosphate uridyl transferase (GALT) catalyzes the second step of the Leloir

Target Details

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. Synonyms: Gal-1-P uridylyltransferase, Galactose-1-phosphate uridylyltransferase

Gene ID: 2592

NCBI Accession: [NP_000146](#)

UniProt: [P07902](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0,25 mg/mL

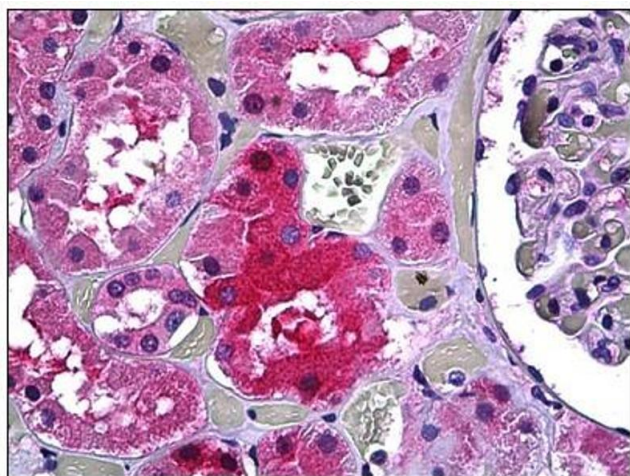
Buffer: PBS, pH 7.2

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

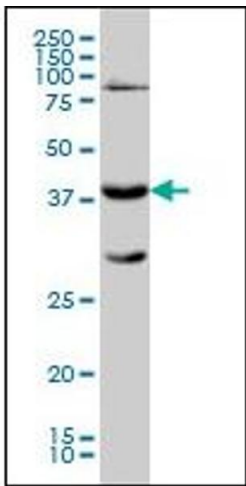
Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



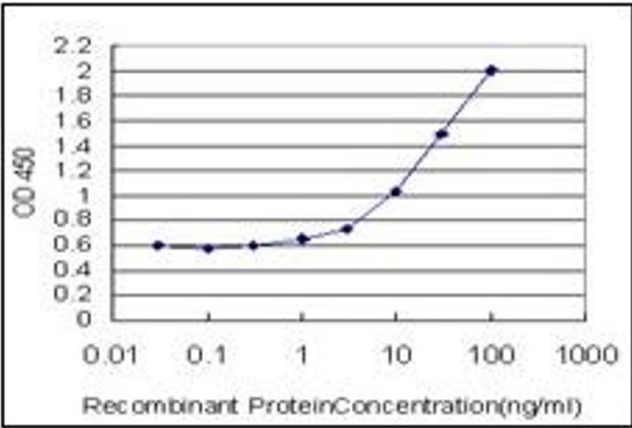
Immunohistochemistry

Image 1.



Western Blotting

Image 2.



ELISA

Image 3.