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# anti-GALT antibody (AA 1-379) (Biotin)



#### Overview

Quantity:	100 μg
Target:	GALT
Binding Specificity:	AA 1-379
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALT antibody is conjugated to Biotin
Application:	ELISA

## **Product Details**

Immunogen:	Recombinant Human Galactose-1-phosphate uridylyltransferase protein (1-379AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	GALT
Alternative Name:	GALT (GALT Products)
Background:	Background: 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-

#### **Target Details**

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.

Aliases: Gal 1 P uridylyltransferase antibody, Gal-1-P uridylyltransferase antibody, Galactose 1 phosphate uridyl transferase antibody, Galactose 1 phosphate uridylyltransferase antibody, GALT antibody, GALT\_HUMAN antibody, UDP glucose hexose 1 phosphate uridylyltransferase antibody, UDP-glucose--hexose-1-phosphate uridylyltransferase antibody

UniProt:

P07902

### **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.