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GALT Polyclonal Antibody

Cat #: G-AB-02505

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #: NP_000146

Immunogen: Recombinant protein of human GALT

Conjugation: Unconjugated

Swissprot: P07902

Calculated Molecular Weight: 43 kDa

Observed Molecular Weight:

Concentration: 0.3 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:500-1:2000, IHC 1:50-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.