

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

GALT RABBIT MAB

Cat.#: N263339

Product Name: Anti-GALT Rabbit Monoclonal Antibody

Synonyms: Gal-1-P uridylyltransferase; UDP-glucose--hexose-1-

phosphate uridylyltransferase

UNIPROT ID: P07902

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-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.

Immunogen: A synthetic peptide of human GALT

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R05-7G7

MW: Calculated MW: 43 kDa; Observed MW: 43 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

Conjugation: Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

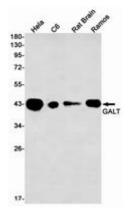
Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

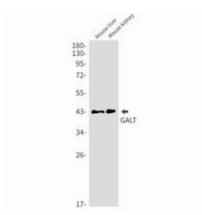


Product Description

Pioneering GTPase and Oncogene Product Development since 2010



Western blot analysis of GALT in Hela, C6, rat Brain, Ramos lysates using GALT antibody.



Western blot analysis of GALT in mouse liver, mouse kidney lysates using GALT antibody.