

Anti-GALM Antibody

Catalog # AP54119

Product Information

Application	WB
Primary Accession	Q96C23
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37766

Additional Information

Gene ID	130589
Other Names	Aldose 1-epimerase; Galactose mutarotase
Target/Specificity	Recognizes endogenous levels of GALM protein.
Dilution	WB~~1:1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GALM (HGNC:24063)
Function	<p>Mutarotase that catalyzes the interconversion of beta-D- galactose and alpha-D-galactose during galactose metabolism (PubMed:12753898). Beta-D-galactose is metabolized in the liver into glucose 1-phosphate, the primary metabolic fuel, by the action of four enzymes that constitute the Leloir pathway: GALM, GALK1 (galactokinase), GALT (galactose-1-phosphate uridylyltransferase) and GALE (UDP-galactose-4'-epimerase) (PubMed:30451973). Involved in the maintenance of the equilibrium between the beta- and alpha-anomers of galactose, therefore ensuring a sufficient supply of the alpha-anomer for GALK1 (PubMed:12753898). Also active on D-glucose although shows a preference for galactose over glucose (PubMed:12753898).</p>
Cellular Location	Cytoplasm.

Background

Rabbit polyclonal antibody to GALM

Images

Image not found : 202102/CPA6398_WB.jpg

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