

## Product datasheet for **TA397049S**

### **GALM Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, IP, WB
<b>Recommended Dilution:</b>	<b>WB:</b> 1:500 - 1:5,000 <b>ELISA:</b> 1:2,000 - 1:10,000
<b>Reactivity:</b>	Porcine
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Mutarotase [Porcine Kidney]
<b>Specificity:</b>	Anti-Mutarotase antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum as well as purified and partially purified Mutarotase [Porcine Kidney]. Cross reactivity against Mutarotase from other sources is unknown.
<b>Formulation:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Concentration:</b>	1.0 mg/mL - lot specific
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
<b>Stability:</b>	Expiration date is one (1) year from date of receipt.
<b>Database Link:</b>	<a href="#">Q9GKX6</a>
<b>Background:</b>	Anti-Mutarotase antibody recognizes the protein mutarotase. Mutarotase catalyzes the mutarotation of alpha-aldose to the beta-anomer. Its substrates include D-glucose, L-arabinose, D-xylose, D-galactose, maltose, and lactose.

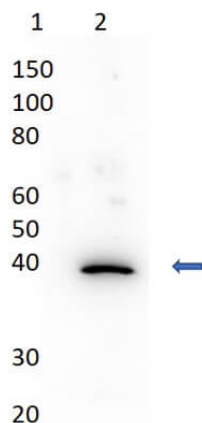


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**Synonyms:** rabbit anti-Mutarotase Antibody biotin Conjugation, biotin Conjugated rabbit anti-Mutarotase Antibody, Aldose 1 epimerase antibody, BLOCK25 protein antibody, Galactose mutarotase antibody, GALM antibody

**Note:** Anti-Mutarotase antibody has been tested in WB and assayed against 1.0 ug of Mutarotase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:10,000 of the reconstitution concentration is suggested for this product.

### Product images:



Western Blot of Rabbit Anti-Mutarotase Antibody Biotin Conjugated. Lane 1: Molecular Weight Marker. Lane 2: Mutarotase [0.05 $\mu$ g]. Primary Antibody: Anti-Mutarotase Antibody Biotin at 1:1000 overnight at 2-8°C. Secondary Antibody: HRP Streptavidin (p/n S000-03) at 1:40,000 for 30 min at RT. Blocking Buffer: BlockOut Buffer (p/n MB-073) for 30 min at RT. Predicted MW: ~38kDa.