

## Product datasheet for **R1100HRPS**

### **GALM Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, IP, WB
<b>Recommended Dilution:</b>	<b>Western blot:</b> 1/500-1/5,000. <b>Immunoprecipitation:</b> 1/100. <b>ELISA:</b> 1/5,000-1/20,000. This product has been assayed against 1.0 µg of Mutarotase [porcine kidney] in a standard sandwich ELISA using ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/500 to 1/1,500 of the reconstitution concentration is suggested.
<b>Reactivity:</b>	Porcine
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Mutarotase from porcine kidney
<b>Specificity:</b>	This product detects porcine Mutarotase / Aldose 1-epimerase. Cross reactivity against Mutarotase from other tissues and species may occur but have not been specifically determined. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-rabbit serum as well as purified and partially purified porcine Mutarotase.
<b>Formulation:</b>	0.02M Potassium phosphate, 0.15M Sodium chloride, pH 7.2 Label: HRP State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Gentamicin sulfate (Do NOT add Sodium azide!) Label: Horseradish peroxidase
<b>Reconstitution Method:</b>	Restore with 0.1 ml of deionized water (or equivalent).
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
<b>Conjugation:</b>	HRP



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<b>Storage:</b>	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Database Link:</b>	<a href="#">Entrez Gene 399536 Pig Q9GKX6</a>
<b>Background:</b>	Mutarotase converts alpha-aldose to the beta-anomer. It is active on D-glucose, L-arabinose, D-xylose, D-galactose, maltose and lactose
<b>Synonyms:</b>	GALM, BLOCK25, Galactose mutarotase