

## Product datasheet for **TA396999S**

### DLD Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	<b>WB:</b> 1:500 - 1:5,000 <b>ELISA:</b> 1:5,000 - 1:20,000
Reactivity:	Porcine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Lipoamide Dehydrogenase [Porcine Heart]
Specificity:	Lipoamide Dehydrogenase 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-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Lipoamide Dehydrogenase [Porcine Heart]. Cross reactivity against Lipoamide Dehydrogenase from other sources is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	HRP
Storage:	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.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	<a href="#">P09623</a>
Background:	Lipoamide Dehydrogenase encodes the L protein of the mitochondrial glycine cleavage system. Mutations in this gene have been identified in patients with E3-deficient maple syrup urine disease and lipoamide dehydrogenase deficiency.



[View online »](#)

**Synonyms:** rabbit anti-Lipoamide Dehydrogenase Antibody Peroxidase Conjugation, HRP Conjugated rabbit anti-Lipoamide Dehydrogenase Antibody, Dihydrolipoyl dehydrogenase mitochondrial, Dihydrolipoamide dehydrogenase, Lipoamide Dehydrogenase

**Note:** Anti-Lipoamide Dehydrogenase Peroxidase Conjugated Antibody has been tested by ELISA and Western blot and is assayed against 1.0 ug of Lipoamide Dehydrogenase [Porcine Heart] in a standard capture ELISA using 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.