

## Product datasheet for **TA397005S**

### ansB Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>WB:</b> 1:200 - 1:1,000 <b>ELISA:</b> 1:1,000 - 1:5,000
Reactivity:	Escherichia coli
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Anti-Asparaginase Antibody was produced by repeated immunizations with E. coli Asparaginase protein.
Specificity:	Anti-Asparaginase 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 Asparaginase [E. coli]. Cross reactivity against Asparaginase from other tissues and species may occur but have not been specifically determined.
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="#">P00805</a>



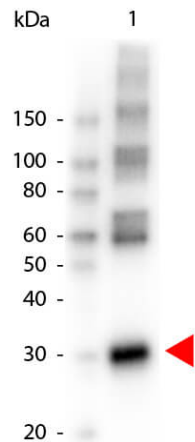
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**Background:** Anti-Asparaginase antibody detects Asparaginase. Asparaginase is an enzyme that catalyzes the hydrolysis of asparagine to aspartic acid. Asparaginases are naturally occurring enzymes expressed and produced by microorganisms. Anti-Asparaginase Antibody is ideal for investigators involved in Immunology, Cell Signaling, Neuroscience and Signal Transduction research.

**Synonyms:** rabbit anti-L-Asparaginase Antibody Peroxidase Conjugation, HRP Conjugated rabbit anti-L-Asparaginase Antibody, L ASNase II antibody, AnsA antibody, AnsB antibody, Colaspase antibody, Cytoplasmic asparaginase I antibody, L ASNase I antibody, L asparaginase II precursor antibody, L asparagine amidohydrolase I antibody

**Note:** Anti-Asparaginase Peroxidase conjugated antibody has been tested by western blotting to detect a single band of the expected apparent molecular weight and by ELISA. Researchers should determine optimal titers for applications that are not stated below.

### Product images:



Western Blot of Peroxidase conjugated Rabbit anti-L-ASPARAGINASE antibody. Lane 1: L-ASPARAGINASE. Lane 2: none. Load: 50 ng per lane. Primary antibody: none. Secondary antibody: Peroxidase rabbit secondary antibody at 1:1,000 for 60 min at RT. Block: MB-070 for 30 min RT. Predicted/Observed size: 30 kDa for L-ASPARAGINASE. Other band(s): L-ASPARAGINASE splice variants and isoforms.