

Product datasheet for **TA396659S**

ABC3735 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	WB: 1:500 - 1:1,000 ELISA: 1:1,000 - 1:2,500
Reactivity:	Bacillus species
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Anti-uricase Antibody was produced by repeated immunizations with bacillus uricase protein.
Specificity:	Anti-Uricase 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-Goat Serum as well as purified and partially purified Uricase [Bacillus species]. Cross reactivity against Uricase 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:	Q5WBJ3



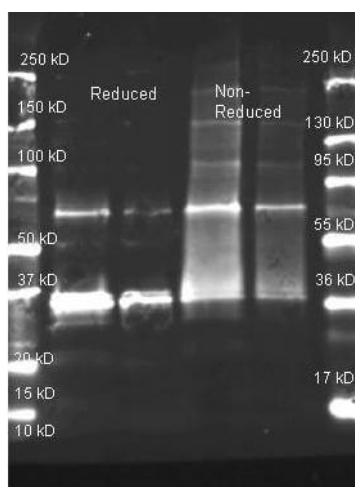
[View online »](#)

Background: Anti-Uricase antibody detects uricase. Uricase is the peroxisomal enzyme responsible for the degradation of urate into allantoin. Uricase is a protein of 300 to 400 amino acids, its sequence is well conserved. It is mainly localized in the liver. In legumes, 2 forms of uricase are found: in the roots, the tetrameric form; and, in the uninfected cells of root nodules, a monomeric form, which plays an important role in nitrogen-fixation. Anti-Uricase antibody is ideal for investigators involved in Cell Signaling and Signal Transduction research.

Synonyms: goat anti-uricase antibody, HRP conjugated goat anti-uricase antibody, Urate oxidase antibody

Note: Anti-Uricase antibody has been tested by ELISA and western blot and is suitable for IP. Researchers should determine optimal titers for applications that are not stated below.

Product images:



Western Blot of Goat anti-Uricase Peroxidase Conjugated antibody. Lane 1: purified Uricase under reducing conditions. Lane 2: purified Uricase under reducing conditions. Lane 3: purified Uricase under non-reducing conditions. Lane 4: purified Uricase under non-reducing conditions Load: ~1.0 μ g (Lane 1 and 3) and 0.25 μ g (Lane 2 and 4). Primary antibody: Uricase Peroxidase Conjugated Antibody at 1:5,000 overnight at 4°C. Secondary antibody: DyLight™ 649 goat secondary antibody at 1:10,000 for 90 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 58 kDa, 58 kDa for Uricase. Other band(s): Uricase splice variants and isoforms.