

Datasheet for ABIN5596984
anti-Urate Oxidase antibody (HRP)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Urate Oxidase (UOX)
Reactivity:	Bacillus
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Urate Oxidase antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Immunogen: Anti-uricase Antibody was produced by repeated immunizations with bacillus uricase protein. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Uricase from other sources is unknown.
Purification:	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].

Target Details

Target:	Urate Oxidase (UOX)
Alternative Name:	Uricase (UOX Products)
Background:	<p>Synonyms: Urate oxidase antibody</p> <p>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 localised 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.</p> <p>Gene Name: ABC3735</p>
Gene ID:	3202700
UniProt:	Q5WBJ3

Application Details

Application Notes:	<p>Application Note: Anti-Uricase antibody is suitable for western blotting, IP and for ELISA. Researchers should determine optimal titers for applications that are not stated below.</p> <p>Western Blot Dilution: 1:500 - 1:1,000</p> <p>Immunoprecipitation Dilution: 1:100</p> <p>ELISA Dilution: 1:1,000 - 1:2,500</p>
Restrictions:	For Research Use only

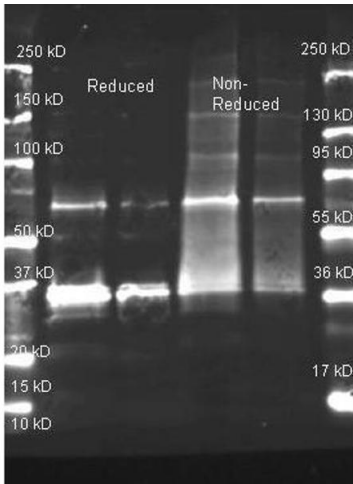
Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 100 µL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p>
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Images



Western Blotting

Image 1. 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 µg (Lane 1 and 3) and 0.25 µg (Lane 2 and 4). Primary antibody: Uricase Peroxidase Conjugated Antibody at 1:5,000 overnight at 4°C. Secondary antibody: 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.