

Anti-URICASE (Bacillus species) (GOAT) Antibody Peroxidase Conjugated
Uricase Antibody Peroxidase Conjugated
Catalog # ASR3967**Specification**

Anti-URICASE (Bacillus species) (GOAT) Antibody Peroxidase Conjugated - Product Information

Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Bacillus
Clonality	Polyclonal
Application	WB, E, IP, I, LCI
Application 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.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Anti-uricase Antibody was produced by repeated immunizations with bacillus uricase protein.
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Anti-URICASE (Bacillus species) (GOAT) Antibody Peroxidase Conjugated - Additional Information**Other Names**

3202700

Purity

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.

Storage Condition

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.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-URICASE (Bacillus species) (GOAT) Antibody Peroxidase Conjugated - Protein Information**Anti-URICASE (Bacillus species) (GOAT) Antibody Peroxidase Conjugated - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-URICASE (Bacillus species) (GOAT) Antibody Peroxidase Conjugated - Images**Anti-URICASE (Bacillus species) (GOAT) Antibody Peroxidase Conjugated - 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.