

Product Datasheet

Uricase Antibody - BSA Free NB600-934-100ug

Unit Size: 100 ug

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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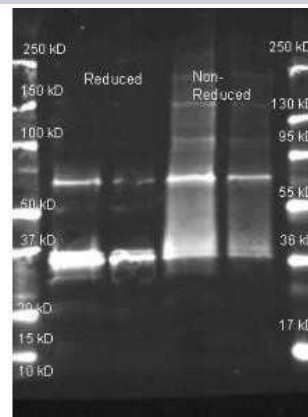
NB600-934-100ug

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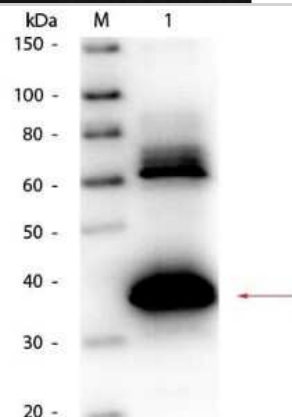
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This antibody 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-Goat Serum as well as purified and partially purified Uricase [Bacillus species]</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Goat
Gene ID	391051
Gene Symbol	UOX
Species	Bacteria
Reactivity Notes	Reactive with Uricase from Bacillus species. Cross reactivity against Uricase from other sources is unknown
Specificity/Sensitivity	Cross reactivity against Uricase from other sources is unknown.
Immunogen	Uricase [Bacillus species] (Uniprot: Q5WBJ3)
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:1000-1:2500, Immunoprecipitation 1:100
Application Notes	This product has been tested by western blot and is assayed against 1.0 ug of Uricase [Bacillus species] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid])) as a substrate for 30 minutes at room temperature. A working dilution of 1:500 to 1:3,000 of the reconstitution concentration is suggested for this product.

Images

Western Blot: Uricase Antibody [NB600-934] - Detection of purified Uricase under reducing and non-reducing conditions. Samples of 1 and 0.25 ug of protein per lane were run by SDS-PAGE and reduced samples of purified Uricase contained 4% BME and were boiled for 5 minutes. Protein was transferred to nitrocellulose and probed with Goat anti Uricase. Primary antibody was detected with Dylight 649 conjugated Donkey anti Goat 1:10K 1.5 hr RT in and imaged on the VersaDoc imaging system.



Western Blot: Uricase Antibody [NB600-934] - Analysis using the HRP conjugate of NB600-934. Detection of Lane 1: purified Uricase under reducing conditions. Detection of Lane 2: purified Uricase under reducing conditions. Detection of Lane 3: purified Uricase under non-reducing conditions. Detection of Lane 4: purified Uricase under non-reducing conditions Load: ~1.0 ug (Detection of Lane 1 and 3) and 0.25 ug (Detection of Lane 2 and 4). Primary antibody: Uricase Peroxidase conjugated Antibody at 1:5,000 overnight at 4C. Secondary antibody: DyLight (TM) 649 goat secondary antibody at 1:10,000 for 90 min at RT. Block: 5% BLOTTO overnight at 4C. Predicted/Observed size: 58 kDa, 58 kDa for Uricase. Other band(s): Uricase splice variants and isoforms.



Publications

Chang YJ, Chang CH. Intelligent Computation for Optimal Fabrication Condition of a Protein Chip with Ni-Co Alloy-Coated Surface. J Lab Autom. 2015-03-23 [PMID: 25800959]



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Products Related to NB600-934-100ug

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NB100-56503	Cytochrome c Antibody (7H8.2C12) - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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