

Product Datasheet

Glycerol Kinase Antibody [Biotin] NB120-20600-0.1mg

Unit Size: 0.1 mg

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

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NB120-20600-0.1mg

Glycerol Kinase Antibody [Biotin]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. 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
Conjugate	Biotin
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

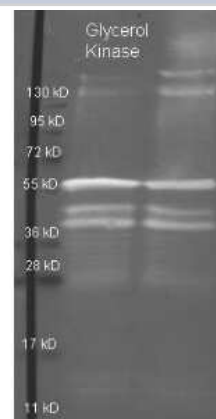
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <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-Biotin, anti-Goat Serum as well as purified and partially purified Glycerol Kinase [Cellulomonas species]</p>
Host	Goat
Gene ID	2710
Gene Symbol	GK
Species	Bacteria
Reactivity Notes	Cross reactivity against Glycerol Kinase from other sources is unknown.
Immunogen	Glycerol Kinase [Cellulomonas species] (Uniprot: D0VZG4)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:4000 - 1:20000
Application Notes	This product has been tested by ELISA and western blot. This product is assayed against 1.0 ug of Glycerol Kinase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

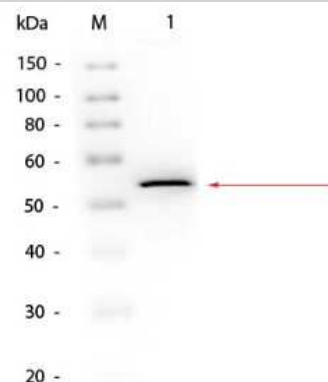


Images

Western Blot: Glycerol Kinase Antibody [Biotin] [NB120-20600] - Detection of purified Glycerol Kinase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified protein contained 4% BME and were boiled for 5 minutes. Samples of 1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody. Detection shown was using Dylight 488 conjugated Donkey anti goat.



Western Blot: Glycerol Kinase Antibody [Biotin] [NB120-20600] - Lane 1: Glycerol Kinase. Load: 50 ng per lane. Primary antibody: Glycerol Kinase Antibody Biotin Conjugated at 1:1000 overnight at 4C. Secondary antibody: HRP Streptavidin secondary antibody at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 55 kDa, 55 kDa for Glycerol Kinase.





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Products Related to NB120-20600-0.1mg

NBP2-29370	Streptavidin Native Protein
BAF108	Goat IgG Isotype Control [Biotin]
NBP1-57033PEP	Glycerol Kinase Antibody Blocking Peptide
202-IL-010	IL-2 [Unconjugated]

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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