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Datasheet for ABIN99893 anti-Glycerol Kinase antibody (Biotin)

Image



Overview

Quantity:	100 µg
Target:	Glycerol Kinase (GK)
Reactivity:	Cellulomonas
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Glycerol Kinase antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP)
Product Details	
Immunogen:	Glycerol Kinase [Cellulomonas species]
	Immunogentype:Native
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Target Details	
Target:	Glycerol Kinase (GK)
Alternative Name:	Glycerol Kinase (GK Products)
Gene ID:	6960048
UniProt:	D0VZG4

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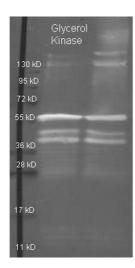
Application Details

Application Notes:	This product has been assayed against 1.0 μg of Glycerol Kinase in a standard capture ELISA
	using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-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.
	ELISA Dilution: 1:4,000 - 1:20,000
	Western Blot Dilution: 1:500 - 1:2,000
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	10.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C

Images



Western Blotting

Image 1. Goat anti Glycerol Kinase antibody (was used to detect 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 (ON 4 C in MB-070). Detection shown was using Dylight 488 conjugated Donkey anti goat (1:10K in TBS/MB-070 1 hr RT)..

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