Datasheet for ABIN107149

anti-Sucrose Phosphorylase antibody (Biotin)

Go to Product page

1 Image

Overview

Quantity:	100 µg
Target:	Sucrose Phosphorylase
Reactivity:	E. coli
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Sucrose Phosphorylase antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunoprecipitation (IP), ELISA

Product Details

Immunogen:	Sucrose Phosphorylase [E.coli] Immunogentype:Native
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	Sucrose Phosphorylase
Abstract:	Sucrose Phosphorylase Products
Gene ID:	4492194
UniProt:	P76041

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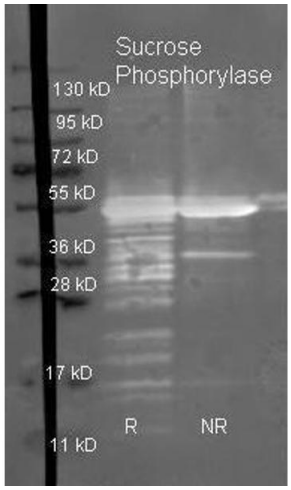
Application Details

Application Notes:	This product has been assayed against 1.0 µg of Sucrose Phosphorylase 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 1:25,000 to 1:115,000 of the reconstitution concentration is suggested for this product. ELISA Dilution: 1:5,000 - 1:20,000 Immunoprecipitation Dilution: 1:100 Western Blot Dilution: 1:500 - 1:5,000
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 Sucrose Phosphorylase antibody (was used to detect purified Sucrose Phosphorylase 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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