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Datasheet for ABIN106381

anti-Pyranose Oxidase antibody

1 Image

Overview

Quantity:	100 µg
Target:	Pyranose Oxidase
Reactivity:	E. coli
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Pyranose Oxidase antibody is un-conjugated
Application:	ELISA

Product Details

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

Target Details

Target:	Pyranose Oxidase
Abstract:	Pyranose Oxidase Products
Background:	Synonyms: P2Ox Pyranose oxidase PROD POD POx EC=1.1.3.10 Pyranose:oxygen 2-oxidoreductase Glucose 2-oxidase FAD-oxidoreductase
UniProt:	Q5G234 , P79076

Application Details

Application Notes: PYRANOSE OXIDASE Antibody has been assayed against 1.0 µg of Pyranose Oxidase [E.coli] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] Rabbit (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

Concentration: 10.0 mg/mL

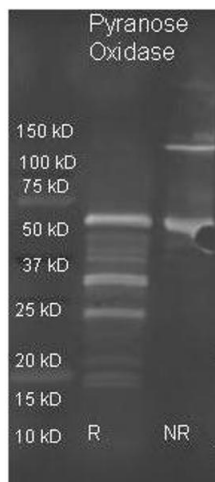
Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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 Pyranose Oxidase antibody was used to detect pyranose oxidase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of ~1µg 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 ABIN925618). Detection shown was using Dylight 488 conjugated Donkey anti goat (605-741-125 lot 21094 1:10K in TBS/ABIN925618 1 hr RT) . Images were collected using the BioRad VersaDoc System