

Datasheet for ABIN7565874
anti-DNASE1 antibody (HRP)



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Overview

Quantity:	25 µL
Target:	DNASE1
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNASE1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Deoxyribonuclease I Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Deoxyribonuclease I [Bovine Pancreas] Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Deoxyribonuclease I [Bovine Pancreas].
Characteristics:	Synonyms: rabbit anti-Deoxyribonuclease I Antibody Peroxidase Conjugation, HRP conjugated rabbit anti-Deoxyribonuclease I Antibody, Deoxyribonuclease-1, Deoxyribonuclease I, DNase I
Purification:	Deoxyribonuclease I 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.
Sterility:	Sterile filtered

Target Details

Target:	DNASE1
Alternative Name:	DNASE1, DNL1 (DNASE1 Products)
Background:	Background: Deoxyribonuclease I (DNase I) is a nuclease that cleaves DNA preferentially at phosphodiester linkages adjacent to a pyrimidine nucleotide, yielding 5'-phosphate-terminated polynucleotides with a free hydroxyl group on position 3', on average producing tetranucleotides. It acts on single-stranded DNA, double-stranded DNA, and chromatin.
Gene ID:	282217
NCBI Accession:	NP_776959
UniProt:	P00639

Application Details

Application Notes:	Application Note: Anti-Deoxyribonuclease I Peroxidase Conjugated Antibody has been tested by ELISA and Western blot. This product is assayed against 1.0 µg of Deoxyribonuclease I [Bovine Pancreas] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:500 to 1:2,500 of the reconstitution concentration is suggested for this product. Western Blot Dilution: 1:500 - 1:5,000 Immunoprecipitation Dilution: 1:100 ELISA Dilution: 1:5,000 - 1:20,000 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
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:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of

Handling

reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Expiry Date: 12 months