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Datasheet for ABIN105438  
**anti-Penicillinase antibody**

### Overview

Quantity:	100 µg
Target:	Penicillinase
Reactivity:	Enterobacter cloacae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Penicillinase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

### Product Details

Immunogen:	Penicillinase [E.cloacae] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Penicillinase from other tissues and species may occur but have not been specifically determined.
Purity:	Anti-PENICILLINASE 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-Rabbit Serum as well as purified and partially purified Penicillinase [E.cloacae].
Endotoxin Level:	Low Endotoxin : No

## Target Details

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Target:	Penicillinase
Abstract:	<a href="#">Penicillinase Products</a>
Background:	Synonyms: Aer1 antibody, Beta lactamase 1 antibody, Beta lactamase AER 1 antibody, OXA9 antibody, Oxacillinase antibody, PenPC antibody
Gene ID:	9125732
UniProt:	<a href="#">P05364</a>

## Application Details

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Application Notes:	<p>PENICILLINASE ANTIBODY has been assayed against 1.0 µg of Penicillinase [<i>E.cloacae</i>] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&amp;L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:7.000 to 1:21.000 of the reconstitution concentration is suggested for this product.</p> <p>ELISA Dilution: 1:5.000 - 1:20.000</p> <p>IF Immunoprecipitation Dilution: 1:100</p> <p>Western Blot Dilution: 1:500 - 1:5.000</p>
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of 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.
Expiry Date:	Expiration date is one (1) year from date of opening.