

Datasheet for ABIN108075

anti-Urease antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Urease (URE)
Reactivity:	Jack Bean
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Urease antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Urease [Jack Bean] Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Urease from other tissues and species may occur but have not been specifically determined.
Purity:	Anti-UREASE 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 Urease [Jack Bean].
Endotoxin Level:	Low Endotoxin : No

Target Details

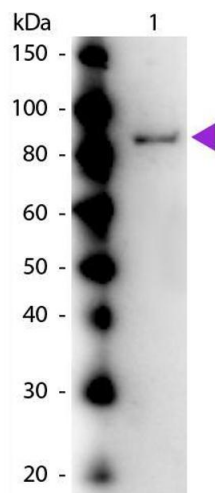
Target:	Urease (URE)
Alternative Name:	Urease (URE Products)
Background:	Synonyms: Urea Amidohydrolase antibody
UniProt:	P07374

Application Details

Application Notes:	<p>Anti-UREASE Antibody has been assayed against 1.0 µg of Urease [Jack Bean] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 and (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 1:15.000 to 1:60.000 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>
Restrictions:	For Research Use only

Handling

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.



Western Blotting

Image 1. Western Blot of Rabbit anti-Urease (Jack Bean) Antibody. Lane 1: Urease (Jack Bean). Lane 2: None. Load: 50 ng per lane. Primary antibody: Urease primary antibody at 1:1,000 overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody at 1:40,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 90 kDa, 90 kDa for Urease. Other band(s): None.