

Datasheet for ABIN95356

anti-ARG antibody

1 Image

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Overview

Quantity:	100 µg
Target:	ARG
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

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

Target Details

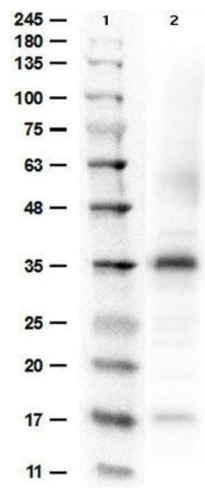
Target:	ARG
Alternative Name:	Arginase (ARG Products)
Background:	Synonyms: A I antibody, AI antibody, ARG 1 antibody, ARG1 antibody, Arginase 1 antibody, Arginase liver antibody, Arginase type I antibody, Arginase1 antibody, Liver type arginase antibody, Type I arginase antibody
Gene ID:	513608
UniProt:	Q2KJ64

Application Details

Application Notes:	<p>ARGINASE Antibody has been assayed against 1.0 µg of Arginase [Bovine Liver] 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 1:500.000 to 1:2.000.000 of the reconstitution concentration is suggested for this product.</p> <p>ELISA Dilution: 1:5.000 - 1:25.000</p> <p>Western Blot Dilution: 1:500 - 1:3.000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
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 results of Rabbit Anti-Arginase Antibody. Lane 1: Opal Prestained Molecular Weight Ladder . Lane 2: Arginase. Load: 50ng. Primary Antibody: Rabbit Anti-Arginase at 1µg/mL overnight at 4°C. Secondary Antibody: Goat anti-Rabbit HRP at 1:70,000 for 30min at RT. Blocking: BlockOut for 30 min at RT.