

[Go to Product page](#)

Datasheet for ABIN1607771 **anti-ARG antibody (Biotin)**

Overview

Quantity:	100 µg
Target:	ARG
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARG antibody is conjugated to Biotin
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 sources is unknown.
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-Biotin, 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:	Anti-Arginase antibody is localized in the cytoplasm and plays a key role in the Arginine Metabolism Urea Cycle. Anti-Arginase antibody, belonging to the arginase family, is ideal for researchers involved in Metabolism, Cancer, and Signal Transduction research. 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:	Anti-Arginase has been assayed against 1.0 µg of Arginase in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 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 1:1.000 to 1:4.000 of the reconstitution concentration is suggested for this product. ELISA Dilution: 1:5.000 - 1:25.000 Western Blot Dilution: 1:500 - 1:3.000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	10 mg/mL
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
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

Handling

recommended below.

Expiry Date: Expiration date is one (1) year from date of opening.