

Product datasheet for **TA396936S**

ARG1 Rabbit Polyclonal Antibody

Product data:

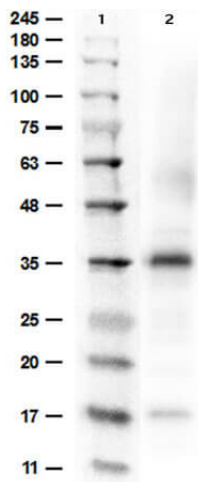
Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB: 1:500 - 1:3,000 ELISA: 1:5,000 - 1:25,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Arginase [Bovine Liver]
Specificity:	Anti-Arginase is an IgG fraction antibody purified from monospecific antiserum by a multi-step 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]. Cross reactivity against Arginase from other tissues and species may occur but have not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	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. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	Q2KJ64
Background:	Arginase has a Catalytic activity of L-arginine + H ₂ O = L-ornithine + urea. Arginase is involved in step 1 of the subpathway that synthesizes L-ornithine and urea from L-arginine.
Synonyms:	rabbit anti-Arginase Antibody, 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



[View online »](#)

Note: Arginase Antibody has been tested by western blot and is suitable to be assayed against 1.0 μg of Arginase [Bovine Liver] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-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.

Product images:



Western Blot results of Rabbit Anti-Arginase Antibody. Lane 1: Opal Prestained Molecular Weight Ladder (p/n MB-210-0500). Lane 2: Arginase. Load: 50ng. Primary Antibody: Rabbit Anti-Arginase at 1 $\mu\text{g}/\text{mL}$ overnight at 4°C. Secondary Antibody: Goat anti-Rabbit HRP (p/n 611-103-122) at 1:70,000 for 30min at RT. Blocking: BlockOut (p/n MB-073) for 30 min at RT.