

Product Data Sheet

Anti-Arginase 1 Antibody

Catalog #	Source	Reactivity	Applications
CPA1074	Rabbit	H, M, R	WB
Description	Rabbit polyclonal antibody to Arginase 1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Arginase 1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Arginase 1 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	ARG1		
Alternative Names	Arginase-1; Liver-type arginase; Type I arginase		
Entrez Gene	383 (Human); 11846 (Mouse); 29221 (Rat)		
SwissProt	P05089 (Human); Q61176 (Mouse); P07824 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Western blot analysis of Arginase 1 expression in HepG2 (A), SHSY5Y (B), A549 (C) whole cell lysates. (Predicted band size: 25; 34; 35 kD; Observed band size: 40 kD)

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