

## **Product Data Sheet**

### **Anti-Arginase 1 Antibody**

Catalog #	Source	Reactivity	Applications			
CPA1074	Rabbit	H, M, R	WB			
Description	Rabb	Rabbit polyclonal antibody to Arginase 1				
Immunogen	KLH-	conjugated synthetic	peptide encompassing a sequence within the center			
	regio	on of human Arginase	1. The exact sequence is proprietary.			
Purification	The	The antibody was purified by immunogen affinity chromatography.				
Specificity	Reco	gnizes endogenous le	vels of Arginase 1 protein.			
Clonality	Poly	clonal				
Conjugation						
Form	Liqui	d 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	ARG	1				
Alternative Na	ames Argir	nase-1; Liver-type argi	nase; Type I arginase			
Entrez Gene	383	(Human); 11846 (Mou	ise); 29221 (Rat)			
SwissProt	P050	989 (Human); Q61176	(Mouse); P07824 (Rat)			
Storage/Stabi	lity Ship	ped at 4°C. Upon deliv	ery aliquot and store at -20°C for one year. Avoid			
	freez	e/thaw cycles.				

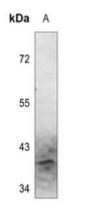
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA,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