



Anti-ARG1 (C-terminal) polyclonal antibody (DPAB-DC1478)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	catalyzes the hydrolysis of arginine to ornithine and urea in arginine metabolism; regulates nitric oxide production [RGD, Feb 2006]
Immunogen	A synthetic peptide corresponding to C-terminus of mouse Arg1. The sequence is C-NHKPETDYLKPPK
Source/Host	Goat
Species Reactivity	Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Arg1 arginase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	ARG1
Synonyms	ARG1; arginase 1; arginase-1; arginase, liver; type I arginase; AI type I arginase; liver-type arginase;
Entrez Gene ID	29221
Protein Refseq	NP_058830
UniProt ID	P07824
Chromosome Location	1p12
Pathway	Amoebiasis; Arginine and proline metabolism; Biosynthesis of amino acids; Metabolism
Function	arginase activity; manganese ion binding;