



Anti-ARG1 (aa 311-323) polyclonal antibody (DPABH-28940)

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

PRODUCT INFORMATION

Antigen Description	mediates nerve growth factor induced neurite sprouting; may play a role in neuronal response to antidepressants [RGD, Feb 2006]
Immunogen	Synthetic peptide: C-NHKPETDYLKPPK, corresponding to C terminal amino acids 311-323 of Rat liver Arginase (UniProt P07824).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ELISA, WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 0.5% BSA, 99% Tris buffered saline
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ARG1 arginase 2 [Rattus norvegicus]
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_058830.2
UniProt ID	P07824
Pathway	Amoebiasis; Arginine and proline metabolism; Biosynthesis of amino acids; Metabolism
Function	arginase activity; arginase activity; manganese ion binding;