

Arg2 Rabbit pAb

db20459

Package : 20µL 50µL 100µL

Product Name : Arg2 Rabbit pAb**Cat.No.:** db20459**Synonyms** : Arginase II; Kidney-type arginase; Non-hepatic arginase; Type II arginase**Application** : WB, IHC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exists (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type II isoform encoded by this gene, is located in the mitochondria and expressed in extra-hepatic tissues, especially kidney. The physiologic role of this isoform is poorly understood; it is thought to play a role in nitric oxide and polyamine metabolism. Transcript variants of the type II gene resulting from the use of alternative polyadenylation sites have been described. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Arg2

Gene ID

384

Swiss Prot

P78540

Synonyms

Arginase II; Kidney-type arginase; Non-hepatic arginase; Type II arginase

Reactivity

Human, Mouse, Rat

Application

WB, IHC, IP

Recommended dilutionWB: 1:1000
IHC: 1:50
IP: 1:20**Calculated MW**

39 kDa

Observed MW

39 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.