

Arginase I Rabbit Polyclonal Antibody

Catalog# UZ-PA01324

Product information

产品货号	UZ-PA01324
别名	ARG1; Arginase-1; Liver-type arginase; Type I arginase
产品名称	Arginase I Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ARG1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	383
Human Swissprot No.	P05089
免疫原	The antiserum was produced against synthesized peptide derived from human ARG1. AA range:61-110
稀释度	IHC-P 100-300.WB 1:500-1:2000, ELISA 1:5000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	35kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type I isoform encoded by this gene, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inherited deficiency of this enzyme results in argininemia, an autosomal recessive disorder characterized by hyperammonemia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011],
细胞定位	Cytoplasm . Cytoplasmic granule . Localized in azurophil granules of neutrophils (PubMed:15546957). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal