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Arginase 2 (ARG2) Rabbit pAb

货号: AYP12343

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IF:** Homo sapiens **WB:** Rattus norvegicus
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	38kDa
实测分子量	39KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	K-562,Mouse kidney,Rat kidney
细胞定位	Mitochondrion
纯化	Affinity purification

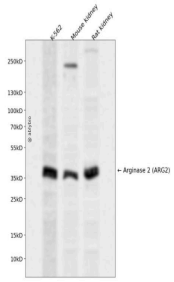
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 270-354 of human Arginase 2 (ARG2) (NP_001163.1).

靶点信息

研究背景	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.
基因ID	384
基因名	ARG2
Swiss	P78540 (https://www.uniprot.org/uniprotkb/P78540/entry)
别名	ARG2,Arginase 2 (ARG2) Rabbit pAb,Arginase II,Kidney-type arginase,Non-hepatic arginase,Type II arginase

产品验证



Western blot analysis of Arginase 2 (ARG2) expressed in K-562,Mouse kidney,Rat kidney using Arginase 2 (ARG2) Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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