ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Arginase, type 1 / arg1(rat) Antibody

Item Number	dAP-1081
Target Molecule	Principle Name: Arginase, type 1 / arg1(rat); Official Symbol: Arg1; All Names and Symbols: Arg1; arginase 1; AI type I arginase; arginase 1 liver; Accession Number (s): NP_058830.2; Human Gene ID(s): ; Non-Human GeneID(s): 11846 (mouse) 29221 (rat)
Immunogen	NHKPETDYLKPPK, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 37kDa band observed in Mouse Liver and Rat Liver lysates (calculated MW of 35kDa according to NP_058830.2). Recommended concentration: 0.05-0.1µg/ml. Primary incubation 1 hour at room temperature.
IHC	
Reference	Reference(s): Jiang M, Ding Y, Su Y, Hu X, Li J, Zhang Z. Arginase-flotillin interaction brings arginase to red blood cell membrane. FEBS Lett. 2006 Dec 11;580(28-29):6561-4. Epub 2006 Nov 13. .PMID: 17113085 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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