

Goat anti-Arginase I Antibody

Item Number	dAP-1695
Target Molecule	Principle Name: Arginase I; Official Symbol: ARG1; All Names and Symbols: ARG1; arginase, liver ; HGNC:663 ; A-I; arginase, type I; arginase 1; liver-type arginase; type I arginase; Accession Number (s): NP_000036.2; Human Gene ID(s): 383; Non-Human GeneID(s): 11846 (mouse) 29221 (rat)
Immunogen	CFGLAREGNHKPID, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse, Rat, Pig
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; Reconstitute 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 64000.
Western Blot	Western Blot: Approx. 37kDa band observed in Human, Mouse, Rat and Pig Liver lysates (calculated MW of 34.7kDa according to NP_000036.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial source
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows preferential staining of PCT. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Liver. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Malerba G, Pignatti PF. A review of asthma genetics: gene expression studies and recent candidates. J Appl Genet. 2005;46(1):93-104. Review. .PMID: 15741670 ->

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**