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Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-ARGINASE, TYPE 1 / ARG1(RAT) ANTIBODY

SKU: EB07707

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	arginase 1 liver|AI type I arginase|arginase 1|Arg1
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HepG2 cells. Recommended concentration: 10µg/ml.
Accession ID	NP_058830.2
Blocking Peptide	EBP07707
Immunogen	Peptide with sequence C-NHKPETDYLKPPK, from the C Terminus of the protein sequence according to NP_058830.2.
Peptide Sequence	C-NHKPETDYLKPPK
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse, Rat
Reactive Species	Human, Mouse, Rat
Mouse Gene ID	11846
Rat Gene ID	29221
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:1000.
Western Blot	Approx 37kDa band observed in Mouse and Rat Liver lysates (calculated MW of 35kDa according to Rat NP_058830.2 and 34.8kDa according to Mouse NP_031508.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IF

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SELECTED REFERENCES

[{"pmid": 21497500, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "All-trans retinoic acid modifies the expression of clock and disease marker genes.", "author": "Sherman H, Gutman R, Chapnik N, Meylan J, le Coutre J, Froy O.", "journal": "J Nutr Biochem. 2011 Apr 14."}, {"pmid": 21352949, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "Caffeine alters circadian rhythms and expression of disease and metabolic markers.", "author": "Sherman H, Gutman R, Chapnik N, Meylan J, le Coutre J, Froy O.", "journal": "Int J Biochem Cell Biol. 2011 May;43(5):829-38."}]

GALLERY IMAGES