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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54566_P050-FITC
Product Page	www.avivasysbio.com/arg2-antibody-n-terminal-region-fitc-arp54566-p050-fitc.html
Name	ARG2 Antibody - N-terminal region : FITC (ARP54566_P050-FITC)
Protein Size (# AA)	354 amino acids
Molecular Weight	38kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	384
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Arginase, type II
Alias Symbols	-
Peptide Sequence	Synthetic peptide located within the following region: LSFTVPKDDLYNNLIYNPRSVGLANQELAEVVSRAVSDGYSCVTLGGDH
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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. ARG2 (type II isoform) 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.
Protein Interactions	UBC; ARG1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ARG2 (ARP54566_P050-FITC) antibody
Blocking Peptide	For anti-ARG2 (ARP54566_P050-FITC) antibody is Catalog# AAP54566 (Previous Catalog# AAPP45706)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ARG2
Uniprot ID	P78540
Protein Name	Arginase-2, mitochondrial
Protein Accession #	NP_001163
Purification	Affinity Purified
Nucleotide Accession #	NM_001172
Gene Symbol	ARG2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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