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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54286_P050-FITC
Product Page	www.avivasysbio.com/ephx1-antibody-middle-region-fitc-arp54286-p050-fitc.html
Name	EPHX1 Antibody - middle region : FITC (ARP54286_P050-FITC)
Protein Size (# AA)	455 amino acids
Molecular Weight	53kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2052
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Epoxide hydrolase 1, microsomal (xenobiotic)
Alias Symbols	MEH, EPHX, EPOX, HYL1
Peptide Sequence	Synthetic peptide located within the following region: CPSIPGYGFEASSKKGFNSVATARIFYKLMRLRGFQEFYIQGGDWGSLI
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Luo,B., (2008) J. Mol. Biol. 380 (1), 31-41
Description of Target	Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of epoxides. Mutations in this gene cause preeclampsia, epoxide hydrolase deficiency or increased epoxide hydrolase activity. Epoxide hydrolase plays an important role in both the activation and detoxification of exogenous chemicals such as polycyclic aromatic hydrocarbons. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	RNF2; ATP4A; UBC; HPDL; CDKN2AIP; DNAJB11; SUMO1;
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-EPHX1 (ARP54286_P050-FITC) antibody
Blocking Peptide	For anti-EPHX1 (ARP54286_P050-FITC) antibody is Catalog # AAP54286 (Previous Catalog # AAPP31035)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human EPHX1
Uniprot ID	P07099
Protein Name	Epoxide hydrolase 1
Protein Accession #	NP_000111
Purification	Affinity Purified
Nucleotide Accession #	NM_000120
Gene Symbol	EPHX1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 93%

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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