

Rabbit SEH / EPHX2 Polyclonal Antibody | anti-SEH antibody

Rabbit Polyclonal to Human SEH / EPHX2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50959	Rabbit	Gibbon, Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Bat, Bovine, Horse (at least 90% immunogen sequence identity)	ELISA, Immunohistochemistry

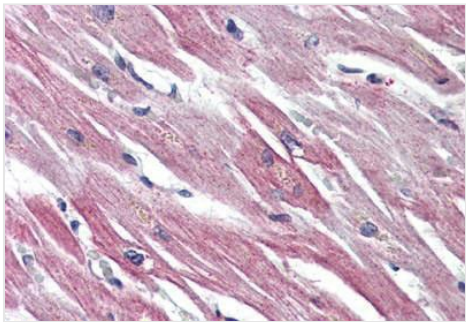
PRODUCT SYNONYMS

SEH / EPHX2; Polyclonal Antibody; Rabbit Polyclonal to Human SEH / EPHX2; Anti-SEH / EPHX2 Antibody (C-Terminus) IHC-plus; EPHX2; CEH; Epoxide hydratase; Epoxide hydrolase; soluble; Epoxide hydrolase 2; cytosolic; SEH; Soluble epoxide hydrolase; Human SEH; anti-SEH antibody

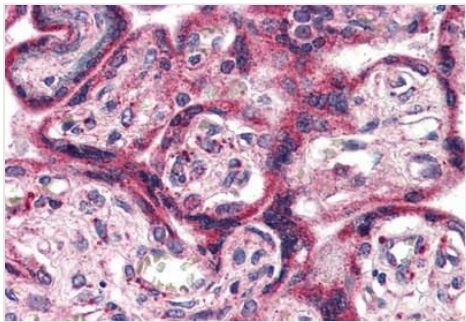
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey, Orangutan Predicted Reactivity: Bat, Bovine, Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human EPHX2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	555
Applicable Applications for anti-SEH antibody	ELISA, IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from C-Terminus of human EPHX2. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Elephant (100%); Bat, Bovine, Horse (94%); Dog, Rabbit, Pig (88%).
Immunogen Type	Synthetic peptide
Immunogen	SEH / EPHX2 antibody was raised against synthetic 17 amino acid peptide from C-Terminus of human EPHX2. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Elephant (100%); Bat, Bovine, Horse (94%); Dog, Rabbit, Pig (88%); Mouse, Rat, Hamster, Stickleback (82%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-EPHX2 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-EPHX2 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-SEH antibody	Soluble Epoxide Hydrolase (sEH) also known as cytosolic Epoxide Hydrolase is a phase I xenobiotic-metabolizing enzyme that converts epoxyeicosatrienoic acids (EETs) into their corresponding dihydroxyeicosatrienoic acids (DHETs). EETs are thought to be involved in vascular tone, ion channel regulation, mitogenesis and cell signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27597073
NCBI GeneID	2053
NCBI Accession #	NP_001970.2
NCBI GenBank Nucleotide #	NM_001979.5
UniProt Accession #	P34913; Q16764; Q9HBJ1; Q9HBJ2; B2Z3B1; B3KTU8; B3KUA0; G3V134; J3KPH7
Molecular Weight	55,626 Da
NCBI Official Full Name	bifunctional epoxide hydrolase 2 isoform a
NCBI Official Synonym Full Names	epoxide hydrolase 2, cytoplasmic
NCBI Official Symbol	EPHX2
NCBI Official Synonym Symbols	CEH; SEH
NCBI Protein Information	bifunctional epoxide hydrolase 2; epoxide hydratase; epoxide hydrolase, soluble; epoxide hydrolase 2, cytosolic
UniProt Protein Name	Bifunctional epoxide hydrolase 2
UniProt Gene Name	EPHX2
UniProt Synonym Gene Names	CEH; SEH
UniProt Entry Name	HYES_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.