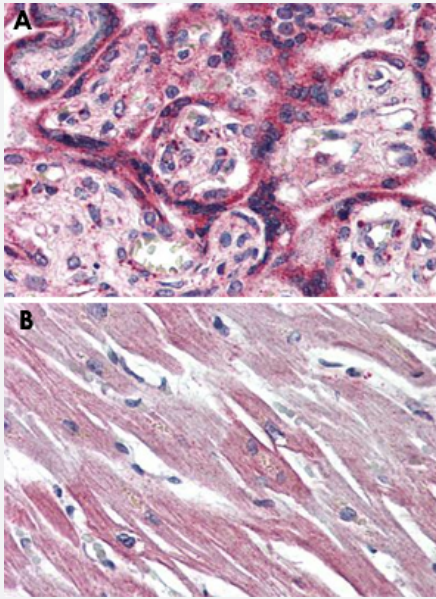


EPHX2 polyclonal antibody

Catalog # PAB25596

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed, paraffin-embedded human placenta (A) and human heart (B) tissue after heat-induced antigen retrieval. Using EPHX2 polyclonal antibody (Cat # PAB25596).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EPHX2.
Immunogen	A synthetic peptide corresponding to 17 amino acids at C-terminus of human EPHX2.
Host	Rabbit
Reactivity	Human, Monkey
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-10 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed, paraffin-embedded human placenta (A) and human heart (B) tissue after heat-induced antigen retrieval.

Using EPHX2 polyclonal antibody (Cat # PAB25596).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — EPHX2

Entrez GeneID	2053
Gene Name	EPHX2
Gene Alias	CEH, SEH
Gene Description	epoxide hydrolase 2, cytoplasmic
Omim ID	132811 143890
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the epoxide hydrolase family. The protein, found in both the cytosol and peroxisomes, binds to specific epoxides and converts them to the corresponding dihydrodiols. Mutations in this gene have been associated with familial hypercholesterolemia. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq]
Other Designations	epoxide hydratase epoxide hydrolase 2, cytosolic epoxide hydrolase, soluble

Pathway

- [Arachidonic acid metabolism](#)

- [Metabolic pathways](#)
- [Tetrachloroethene degradation](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Head and Neck Neoplasms](#)
- [Hypertension](#)

- [Infection](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Ischemia](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Ischemia](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Parkinson disease](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Pulmonary Disease](#)
- [Skin Diseases](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
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- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)