

EPHX2 rabbit monoclonal antibody

Catalog # H00002053-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EPHX2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EPHX2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human EPHX2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — EPHX2

Entrez GeneID	2053
GeneBank Accession#	EPHX2
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](#)
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- [Kidney Failure](#)
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- [Lymphoma](#)
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- [Pulmonary Disease](#)
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- [Werner syndrome](#)