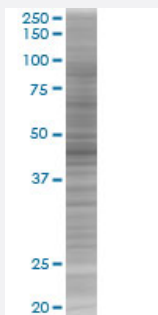


# EPHX1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002052-T01

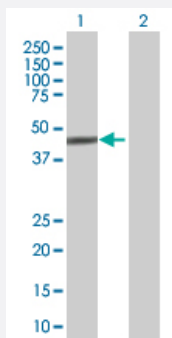
Size 100 uL

## Applications



### SDS-PAGE Gel

EPHX1 transfected lysate.



### Western Blot

Lane 1: EPHX1 transfected lysate ( 52.9 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-EPHX1 full-length

**Host** Human

**Theoretical MW (kDa)** 52.9

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-EPHX1 antibody ([H00002052-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 EPHX1 transfected lysate.  
 Western Blot  
 Lane 1: EPHX1 transfected lysate ( 52.9 KDa)  
 Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — EPHX1

**Entrez GeneID**

[2052](#)

**GeneBank Accession#**

[NM\\_000120.2](#)

**Protein Accession#**

-

**Gene Name**

EPHX1

**Gene Alias**

EPHX, EPOX, MEH

**Gene Description**

epoxide hydrolase 1, microsomal (xenobiotic)

**Omim ID**

[132810 189800](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

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. Alternatively spliced transcript variants encoding the same protein have been found for this gene

**Other Designations**

OTTHUMP00000035867|epoxide hydratase|epoxide hydrolase 1|microsomal epoxide hydrolase

## Pathway

- [Metabolism of xenobiotics by cytochrome P450](#)

## Disease

- [Abnormalities](#)
- [Abruptio Placentae](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Anemia](#)
- [Anoxia](#)
- [Asbestosis](#)
- [Asthma](#)
- [Birth Weight](#)
- [Bone Diseases](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cell Transformation](#)
- [Chromosome Aberrations](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cocarcinogenesis](#)
- [Colon cancer](#)

- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Craniofacial Abnormalities](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [DNA Damage](#)
- [Drug Hypersensitivity](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Emphysema](#)
- [Endometriosis](#)
- [Epidermal Necrolysis](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Exanthema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [HELLP Syndrome](#)

- [Hemorrhage](#)
- [Hepatitis](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Hypercapnia](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leber hereditary optic neuropathy](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningioma](#)
- [Mesothelioma](#)
- [Micronuclei](#)
- [Microsatellite Instability](#)
- [Mouth Abnormalities](#)
- [Mouth Neoplasms](#)

- [Multiple Myeloma](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Neurotoxicity Syndromes](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Optic Atrophy](#)
- [Oropharyngeal Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Diseases](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Papillomavirus Infections](#)
- [Parkinson disease](#)
- [Pharyngeal Neoplasms](#)
- [Pleural Neoplasms](#)
- [Pneumonia](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)

- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Pulmonary Emphysema](#)
- [Recurrence](#)
- [Respiratory Tract Diseases](#)
- [Skin Diseases](#)
- [Stevens-Johnson Syndrome](#)
- [Stomach Neoplasms](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)
- [Tumor Virus Infections](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Warts](#)
- [Werner syndrome](#)