antibodies -online.com







anti-EPHX1 antibody





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Quantity:	100 μL
Target:	EPHX1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPHX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

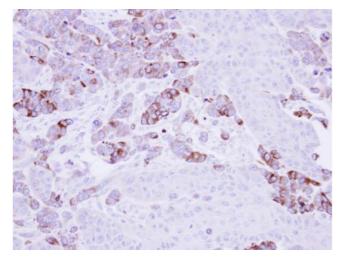
Immunogen:	Recombinant protein encompassing a sequence within the center region of human EPHX1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to EPHX1 (epoxide hydrolase 1, microsomal (xenobiotic)) EPHX1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	EPHX1
Alternative Name:	epoxide hydrolase 1 (EPHX1 Products)

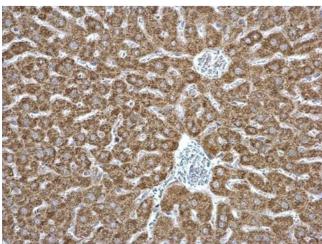
Target Details

Background:	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. Cellular Localization: Microsome membrane, Single-pass membrane protein, Endoplasmic
	reticulum membrane, Single-pass membrane protein
Molecular Weight:	53 kDa
Gene ID:	2052
UniProt:	P07099
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa , HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.95 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



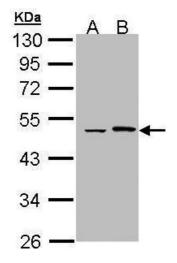
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded SG xenograft, using Epoxide hydrolase 1, antibody at 1:500 dilution.



Immunohistochemistry

Image 2. IHC-P Image EPHX1 antibody detects EPHX1 protein at cytosol on mouse liver by immunohistochemical analysis. Sample: Paraffin-embedded mouse liver. EPHX1 antibody, dilution: 1:500.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Hela B: Hep G2, 10% SDS PAGE antibody diluted at 1:1000

Please check the product details page for more images. Overall 4 images are available for ABIN2856671.