

Epoxide Hydrolase 1, Microsomal (EPHX1) Antibody

Catalogue No.:abx001686



Western blot analysis of extracts of various cell lines using EPHX1 Antibody (1/1000 dilution).

EPHX1 Antibody is a Rabbit Polyclonal antibody against EPHX1. 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.

Target:	Epoxide Hydrolase 1, Microsomal (EPHX1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human EPHX1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P07099 (<u>UniProt</u> , <u>ExPASy</u>)

Datasheet Version: 3.0.0 Revision date: 01 Jun 2025



Gene Symbol:	EPHX1
GenelD:	2052
NCBI Accession:	NP_000111.1
KEGG:	hsa:2052
String:	9606.ENSP00000480004
Molecular Weight	Calculated MW [.] 52 kDa
molecular Weight.	Observed MW: 48 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.