

Epoxide hydrolase 1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55646**Specification**

Epoxide hydrolase 1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	P07099
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52949

Epoxide hydrolase 1 Polyclonal Antibody - Additional Information**Gene ID** 2052**Other Names**

Epoxide hydrolase 1, 3.3.2.9, EPHX1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=3401 target="_blank">HGNC:3401), EPHX, EPOX

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Epoxide hydrolase 1 Polyclonal Antibody - Protein Information**Name** EPHX1 ([HGNC:3401](#))**Synonyms** EPHX, EPOX**Function**

Biotransformation enzyme that catalyzes the hydrolysis of arene and aliphatic epoxides to less reactive and more water soluble dihydrodiols by the trans addition of water (By similarity). Plays a role in the metabolism of endogenous lipids such as epoxide-containing fatty acids (PubMed: [22798687](http://www.uniprot.org/citations/22798687)). Metabolizes the abundant endocannabinoid 2-arachidonoylglycerol (2-AG) to free arachidonic acid (AA) and glycerol (PubMed: [24958911](http://www.uniprot.org/citations/24958911)). Binds 20(S)-hydroxycholesterol (20(S)-OHC) (By similarity).

Cellular Location

Microsome membrane; Single-pass type III membrane protein. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P07687}; Single-pass type III membrane protein {ECO:0000250|UniProtKB:P07687}

Tissue Location

Found in liver..

Epoxide hydrolase 1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Epoxide hydrolase 1 Polyclonal Antibody - Images