

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, Cow
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), EPHX, EPOX

Format

0.01M TBS(pH7.4) with 1% BSA, 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). Metabolizes the abundant endocannabinoid 2-arachidonoylglycerol (2-AG) to free arachidonic acid (AA) and glycerol (PubMed:24958911).

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](#)