

# Epoxide Hydrolase 1 Rabbit mAb

Catalog # AP76485

## Product Information

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<b>Application</b>	WB, FC
<b>Primary Accession</b>	<a href="#">P34913</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	62616

## Additional Information

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<b>Gene ID</b>	2053
<b>Other Names</b>	EPHX2
<b>Dilution</b>	WB~~1/500-1/1000 FC~~1:10~50
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	EPHX2 ( <a href="#">HGNC:3402</a> )
<b>Function</b>	Bifunctional enzyme (PubMed: <a href="#">12574510</a> ). The C-terminal domain has epoxide hydrolase activity and acts on epoxides (alkene oxides, oxiranes) and arene oxides (PubMed: <a href="#">12574510</a> , PubMed: <a href="#">12869654</a> , PubMed: <a href="#">22798687</a> ). Plays a role in xenobiotic metabolism by degrading potentially toxic epoxides (By similarity). Also determines steady- state levels of physiological mediators (PubMed: <a href="#">12574510</a> , PubMed: <a href="#">12869654</a> , PubMed: <a href="#">21217101</a> , PubMed: <a href="#">22798687</a> ).
<b>Cellular Location</b>	Cytoplasm. Peroxisome.

## Background

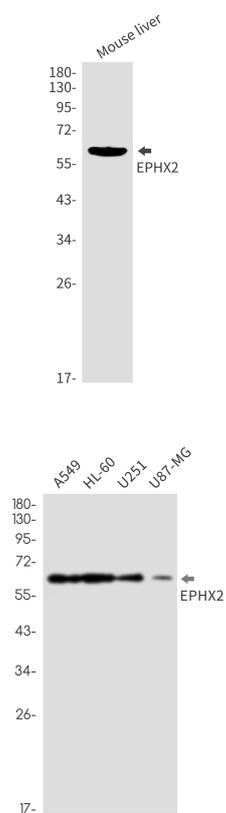
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Bifunctional enzyme. The C-terminal domain has epoxide hydrolase activity and acts on epoxides (alkene

oxides, oxiranes) and arene oxides.

## Images

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