

Product Name: EPHX2 (4Q4) Rabbit Monoclonal Antibody
Catalog #: AMRe10542

Summary

Production Name	EPHX2 (4Q4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	EPHX2
Alternative Names	CEH; EPHX2; Epoxide hydrolase 2; SHE;
Gene ID	2053.0
SwissProt ID	P34913.A synthetic peptide of human EPHX2

Application

Dilution Ratio	WB: 1:2000-1:10000
Molecular Weight	63kDa

Background

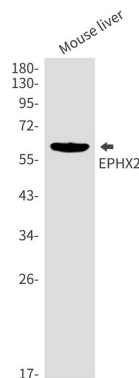
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Acts on epoxides (alkene oxides, oxiranes) and arene oxides. Plays a role in xenobiotic metabolism by degrading potentially toxic epoxides. Also determines steady-state levels of physiological mediators. Has low phosphatase activity. Bifunctional enzyme (PubMed: [12574510](http://www.uniprot.org/citations/12574510)). The C-terminal domain has epoxide hydrolase activity and acts on epoxides (alkene oxides, oxiranes) and arene oxides (PubMed: [12869654](http://www.uniprot.org/citations/12869654), PubMed: [12574510](http://www.uniprot.org/citations/12574510), PubMed: [22798687](http://www.uniprot.org/citations/22798687)). Plays a role in xenobiotic metabolism by degrading potentially toxic epoxides (By similarity). Also determines steady- state levels of physiological mediators (PubMed: [12869654](http://www.uniprot.org/citations/12869654), PubMed: [12574510](http://www.uniprot.org/citations/12574510), PubMed: [22798687](http://www.uniprot.org/citations/22798687), PubMed: [21217101](http://www.uniprot.org/citations/21217101)).

Research Area

Image Data



Western blot detection of EPHX2 in A549,HL-60,U251,U87-MG cell lysates using EPHX2 antibody(1:1000 diluted).

Note

For research use only.