

# EPHX2 Antibody

Rabbit mAb

Catalog # AP92925

## Product Information

Application	WB
Primary Accession	<a href="#">P34913</a>
Reactivity	Human
Clonality	Monoclonal
Other Names	CEH; EPHX2; Epoxide hydrolase 2; SHE;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	62616

## Additional Information

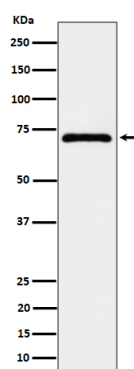
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human EPHX2
Description	Acts on epoxides (alkene oxides, oxiranes) and arene oxides. Plays a role in xenobiotic metabolism by degrading potentially toxic epoxides. Also determines steady-state levels of physiological mediators. Has low phosphatase activity.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

Name	EPHX2 ( <a href="#">HGNC:3402</a> )
Function	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> ).
Cellular Location	Cytoplasm. Peroxisome.

## Images

Western blot analysis of EPHX2 expression in MCF7 cell



lysate.

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