

Rabbit anti-Human EPHX2 Polyclonal Antibody | anti-EPHX2 antibody

EPHX2 Antibody

CATALOG # AAA229118	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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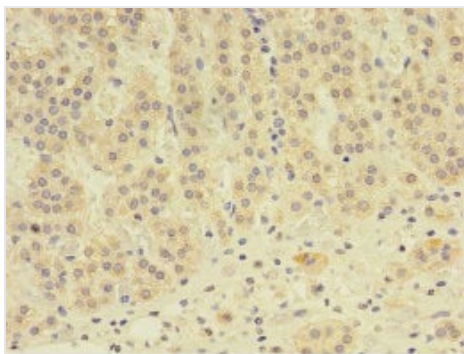
PRODUCT SYNONYMS

EPHX2; Polyclonal Antibody; EPHX2 Antibody; Bifunctional epoxide hydrolase 2; Epoxide hydratase; Soluble epoxide hydrolase; SEH; Lipid-phosphate phosphatase; anti-EPHX2 antibody

PRODUCT SPECIFICATIONS

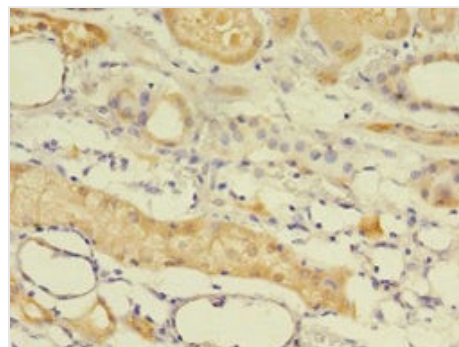
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	502
Applicable Applications for anti-EPHX2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Bifunctional epoxide hydrolase 2 (1-555aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-25797 / sc-87099 / sc-87101
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



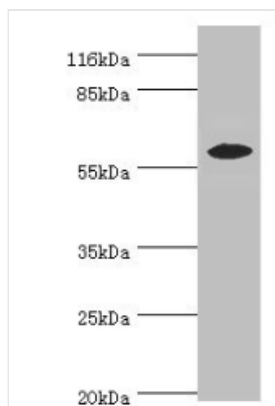
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland using AAA229118 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA229118 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: EPHX2 antibody at 2ug/ml+MCF-7 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 63,58,56 kDaObserved band size: 57 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EPHX2 antibody

Bifunctional enzyme. The C-terminal domain has epoxide hydrolase activity and 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. The N-terminal domain has lipid phosphatase activity, with the highest activity towards threo-9,10-phosphonooxy-hydroxy-octadecanoic acid, followed by erythro-9,10-phosphonooxy-hydroxy-octadecanoic acid, 12-phosphonooxy-octadec-9Z-enoic acid, 12-phosphonooxy-octadec-9E-enoic acid, and p-nitrophenyl phosphate.

NCBI AND UNIPROT INFORMATION

NCBI GI #	374532800
NCBI GeneID	2053
NCBI Accession #	NP_001243411.1
NCBI GenBank Nucleotide #	NM_001256482.1
UniProt Accession #	P34913; Q16764; Q9HBJ1; Q9HBJ2; B2Z3B1; B3KTU8; B3KUA0; G3V134; J3KPH7
Molecular Weight	55,626 Da
NCBI Official Full Name	bifunctional epoxide hydrolase 2 isoform b
NCBI Official Synonym Full Names	epoxide hydrolase 2
NCBI Official Symbol	EPHX2
NCBI Official Synonym Symbols	CEH; SEH
NCBI Protein Information	bifunctional epoxide hydrolase 2
UniProt Protein Name	Bifunctional epoxide hydrolase 2
UniProt Gene Name	EPHX2
UniProt Synonym Gene Names	CEH; SEH
UniProt Entry Name	HYES_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ephx2-antibody-immunohistochemistry-western-blot-elisa/229118>