

Rabbit EPXH2 Polyclonal Antibody | anti-EPHX2 antibody

EPXH2 Polyclonal Antibody

CATALOG # AAA37262	HOST Rabbit	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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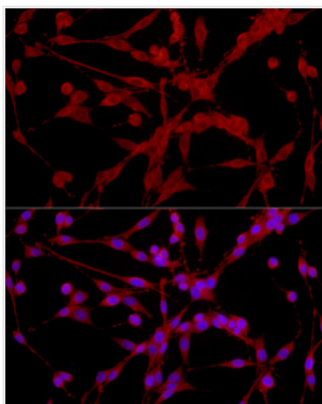
PRODUCT SYNONYMS

EPXH2; Polyclonal Antibody; EPXH2 Polyclonal Antibody; CEH; SHE; Epoxide Hydratase; anti-EPHX2 antibody

PRODUCT SPECIFICATIONS

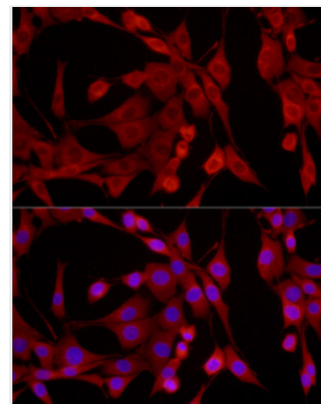
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Sequence Length	555
Applicable Applications for anti-EPHX2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-240 of human EPXH2 (NP_001970.2)
Cross/Species Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles

IMAGES



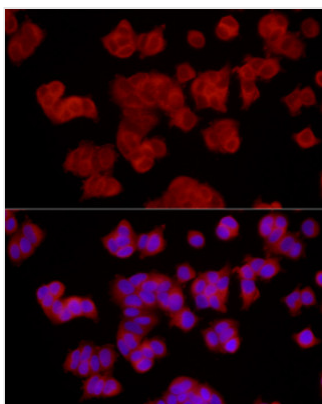
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using EPHX2 Rabbit pAb at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



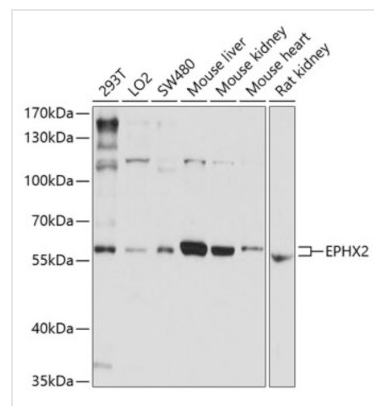
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using EPHX2 Rabbit pAb at dilution of 1:200 (40x lens). Secondary antibody: Cy3- conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



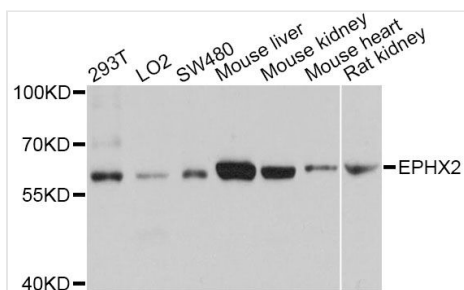
IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cells using EPHX2 Rabbit pAb (A1885) at dilution of 1:200 (40x lens). Secondary antibody: Cy3- conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of various lysates using EPHX2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EPHX2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-EPHX2 antibody	This gene encodes a member of the epoxide hydrolase family. The protein, found in both the cytosol and peroxisomes, binds to specific epoxides and converts them to the corresponding dihydrodiols. Mutations in this gene have been associated with familial hypercholesterolemia. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-EPHX2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	67476665
NCBI GeneID	2053
UniProt Accession #	P34913; Q16764; Q9HBJ1; Q9HBJ2; B2Z3B1; B3KTU8; B3KUA0; G3V134; J3KPH7
Molecular Weight	63 kDa
NCBI Official Full Name	Bifunctional epoxide hydrolase 2
NCBI Official Synonym Full Names	epoxide hydrolase 2, cytoplasmic
NCBI Official Symbol	EPHX2
NCBI Official Synonym Symbols	CEH; SEH
NCBI Protein Information	bifunctional epoxide hydrolase 2; epoxide hydratase; epoxide hydrolase, soluble; epoxide hydrolase 2, cytosolic

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/epxh2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/37262>