

Rabbit anti-Human Epoxide hydrolase 1 Polyclonal Antibody | anti-EPHX1 antibody

Epoxide hydrolase 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306530	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

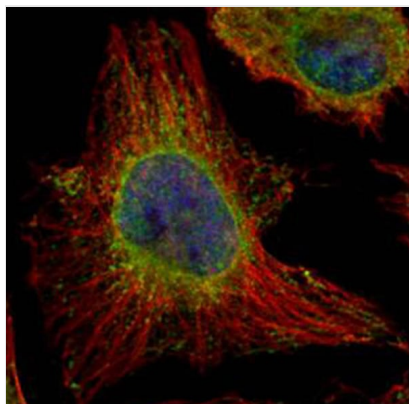
PRODUCT SYNONYMS

Epoxide hydrolase 1; Polyclonal Antibody; Epoxide hydrolase 1 antibody; anti-EPHX1 antibody

PRODUCT SPECIFICATIONS

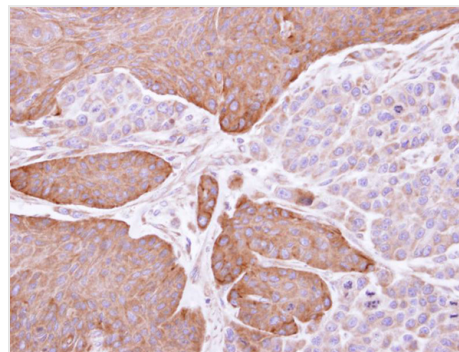
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	455
Applicable Applications for anti-EPHX1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 64 and 262 of Epoxide hydrolase 1
Target Name	Epoxide hydrolase 1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



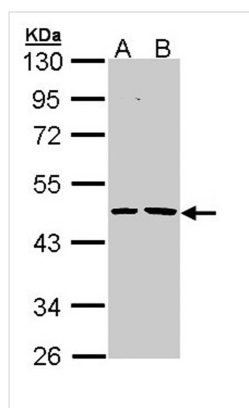
IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using EPHX1 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded SG xenograft, using Epoxide hydrolase 1 antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: H1299 B: HeLa 10% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-EPHX1 antibody	Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of epoxides. Mutations in this gene cause preeclampsia, epoxide hydrolase deficiency or increased epoxide hydrolase activity. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-EPHX1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503583
NCBI GeneID	2052
NCBI Accession #	NP_000111
NCBI GenBank Nucleotide #	NM_000120.3
Molecular Weight	52,949 Da
NCBI Official Full Name	epoxide hydrolase 1
NCBI Official Synonym Full Names	epoxide hydrolase 1, microsomal (xenobiotic)
NCBI Official Symbol	EPHX1
NCBI Official Synonym Symbols	MEH; EPHX; EPOX; HYL1
NCBI Protein Information	epoxide hydrolase 1
UniProt Protein Name	Epoxide hydrolase 1
UniProt Gene Name	EPHX1
UniProt Synonym Gene Names	EPHX; EPOX
UniProt Entry Name	HYEP_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/epoxide-hydrolase-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306530>