

Product datasheet for **AM09072PU-S**

Epoxide hydrolase (EPHX1) Mouse Monoclonal Antibody [Clone ID: AT2E5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT2E5
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western blot: 1/1000 - 1/2000.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant human EPHX1 (21-455 aa) purified from E. coli
Specificity:	The antibody recognizes human and mouse EPHX1.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	epoxide hydrolase 1
Database Link:	Entrez Gene 13849 Mouse Entrez Gene 2052 Human P07099
Background:	Epoxide hydrolase 1 (EPHX1) is a family of biotransformation enzyme which is involved in the hydrolysis of various epoxides and epoxide intermediates. Epoxide hydrolase plays an important role in both the activation and detoxification of exogenous chemicals such as polycyclic aromatic hydrocarbons.
Synonyms:	EPHX, EPOX, Epoxide hydratase

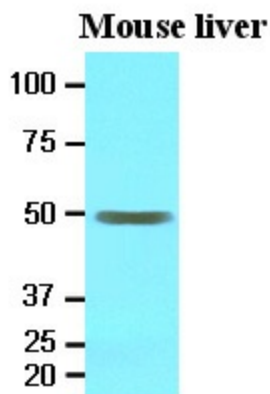


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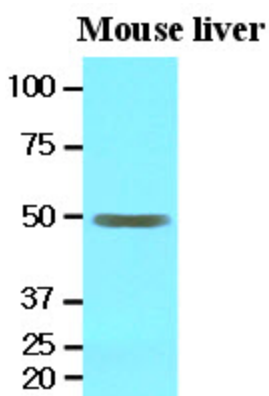
Protein Families: Druggable Genome, Protease

Protein Pathways: Metabolism of xenobiotics by cytochrome P450

Product images:



The extracts of mouse liver (30ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human EPHX1 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western blot analysis: The extracts of mouse liver (30 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human EPHX1 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.