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Datasheet for ABIN371867

anti-EPHX1 antibody (AA 21-455)

2 Images

Overview

Quantity:	0.1 mL
Target:	EPHX1
Binding Specificity:	AA 21-455
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPHX1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human EPHX1 (21-455 aa) purified from E. coli
Clone:	AT2E5
Isotype:	IgG2a
Specificity:	The antibody recognizes human and mouse EPHX1.
Characteristics:	Synonyms: EPHX, EPOX, Epoxide hydratase, Microsomal epoxide hydrolase
Purification:	Protein-G affinity chromatography

Target Details

Target:	EPHX1
Alternative Name:	Epoxide Hydrolase 1 / EPHX1 (EPHX1 Products)

Target Details

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, Microsomal epoxide hydrolase

Gene ID: 2052

UniProt: [P07099](#)

Application Details

Application Notes: ELISA. Western blot (1: 1,000 - 1: 2,000).
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, containing 0.09 % sodium azide

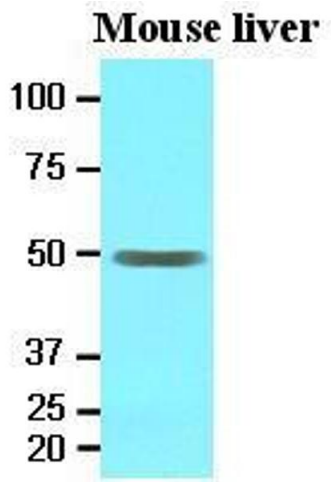
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

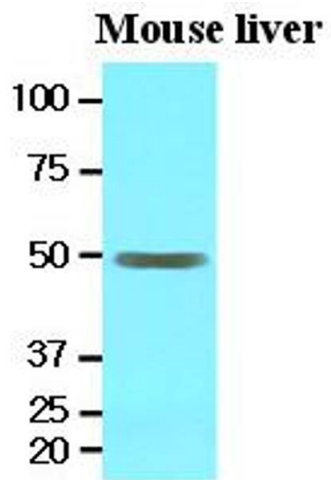
Storage Comment: Store the antibody undiluted at 2-8 °C for up to two weeks or (in aliquots) at -20 °C or -70 °C for longer. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Expiry Date: 12 months



Western Blotting

Image 1.



Western Blotting

Image 2.