

Datasheet for ABIN535232  
**anti-EPHX1 antibody (AA 21-455)**[Go to Product page](#)

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## Overview

Quantity:	100 µL
Target:	EPHX1
Binding Specificity:	AA 21-455
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPHX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant EPHX1.
Immunogen:	Recombinant protein corresponding to amino acids 21-455 of human EPHX1.
Clone:	AT2E5
Isotype:	IgG2a
Cross-Reactivity:	Human, Mouse

## Target Details

Target:	EPHX1
Alternative Name:	Epoxyde hydrolase 1 / EPHX1 ( <a href="#">EPHX1 Products</a> )
Gene ID:	2052

## Application Details

Application Notes: The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In PBS, pH 7.4 (10 % glycerol, 0.02 % 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.

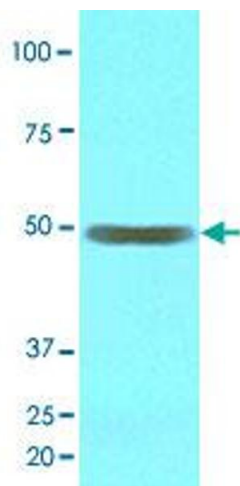
Storage: -20 °C, -80 °C

Storage Comment: Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

## Publications

Product cited in: van Loo, Kingma, Arand, Wubbolts, Janssen: "Diversity and biocatalytic potential of epoxide hydrolases identified by genome analysis." in: **Applied and environmental microbiology**, Vol. 72, Issue 4, pp. 2905-17, (2006) ([PubMed](#)).

Coller, Fritz, Zanger, Siegle, Eichelbaum, Kroemer, Mürdter: "Distribution of microsomal epoxide hydrolase in humans: an immunohistochemical study in normal tissues, and benign and malignant tumours." in: **The Histochemical journal**, Vol. 33, Issue 6, pp. 329-36, (2001) ([PubMed](#)).



#### SDS-PAGE

**Image 1.** The extracts of mouse liver (30 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with EPHX1 monoclonal antibody, clone AT2E5 (Cat # MAB3588 ; 1 : 1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.