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Datasheet for ABIN7145563

**anti-EPHX2 antibody (AA 1-555) (Biotin)**

## Overview

Quantity:	100 µg
Target:	EPHX2
Binding Specificity:	AA 1-555
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPHX2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Bifunctional epoxide hydrolase 2 protein (1-555AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	EPHX2
Alternative Name:	EPHX2 ( <a href="#">EPHX2 Products</a> )
Background:	Background: Bifunctional enzyme. The C-terminal domain has epoxide hydrolase activity and acts on epoxides (alkene oxides, oxiranes) and arene oxides. Plays a role in xenobiotic

## Target Details

metabolism by degrading potentially toxic epoxides. Also determines steady-state levels of physiological mediators. The N-terminal domain has lipid phosphatase activity, with the highest activity towards threo-9,10-phosphonoxy-hydroxy-octadecanoic acid, followed by erythro-9,10-phosphonoxy-hydroxy-octadecanoic acid, 12-phosphonoxy-octadec-9Z-enoic acid, 12-phosphonoxy-octadec-9E-enoic acid, and p-nitrophenyl phosphate.

Aliases: Bifunctional epoxide hydrolase 2 antibody, CEH antibody, Cytosolic epoxide hydrolase antibody, EPHX2 antibody, Epoxide hydratase antibody, Epoxide hydrolase 2 antibody, Epoxide hydrolase 2 cytoplasmic antibody, epoxide hydrolase 2, cytosolic antibody, Epoxide hydrolase soluble antibody, HYES\_HUMAN antibody, SEH antibody, Soluble epoxide hydrolase antibody

UniProt: [P34913](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.