



[Go to Product page](#)

Datasheet for ABIN7113865  
**anti-EPHX2 antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µg   |
| Target:      | EPHX2  |
| Reactivity:  | Human  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This EPHX2 antibody is un-conjugated   |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP) |

### Product Details

|               |                                  |
|---------------|----------------------------------|
| Immunogen:    | epoxide hydrolase 2, cytoplasmic |
| Isotype:      | IgG                              |
| Purification: | Immunogen affinity purified      |
| Purity:       | ≥95 % as determined by SDS-PAGE  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | EPHX2  |
| Alternative Name: | EPHX2 ( <a href="#">EPHX2 Products</a> )   |
| Background:       | Synonyms: 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 metabolism by degrading potentially toxic epoxides. Also determines steady-state levels of physiological mediators. The N-terminal domain has lipid phosphatase activity, with |

## Target Details

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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.

Molecular Weight: 63 kDa

Gene ID: 2053

UniProt: [P34913](#)

## Application Details

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Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months