

Datasheet for ABIN7145562
anti-EPHX2 antibody (AA 1-555)[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | EPHX2 |
| Binding Specificity: | AA 1-555 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This EPHX2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

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 (EPHX2 Products) |
| 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-phosphonooxy-hydroxy-octadecanoic acid, followed by erythro-9,10-phosphonooxy-hydroxy-octadecanoic acid, 12-phosphonooxy-octadec-9Z-enoic acid, 12-phosphonooxy-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: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

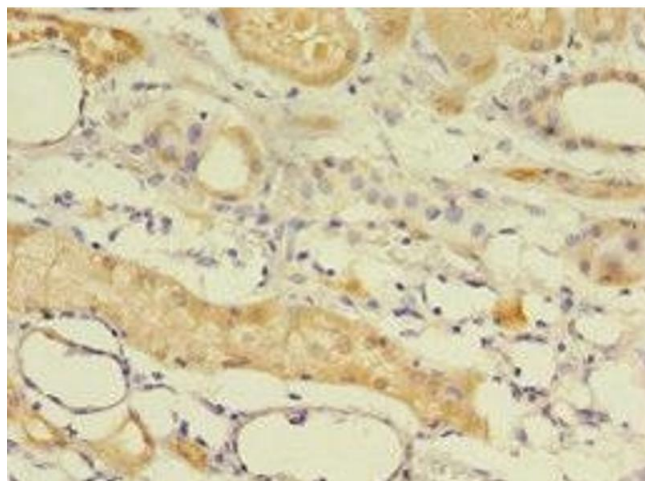
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

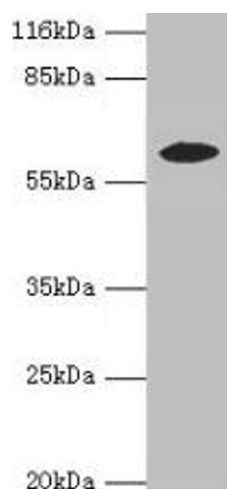
Storage: -20 °C,-80 °C

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



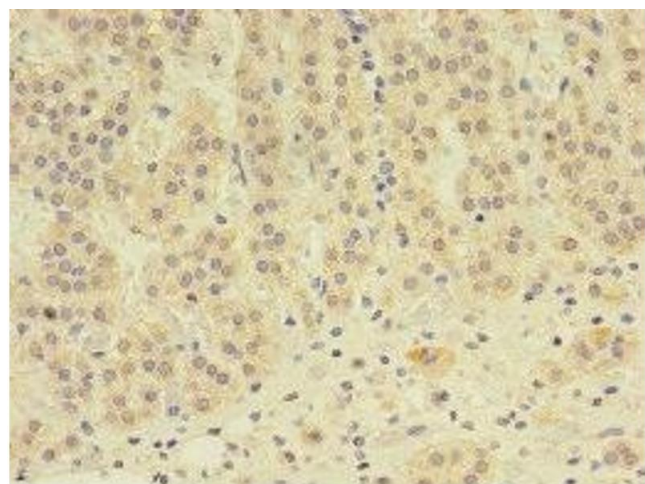
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7145562 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: EPHX2 antibody at 2 µg/mL + MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 63, 58, 56 kDa Observed band size: 58 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7145562 at dilution of 1:100