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# EB12762 - Goat Anti-EPHX2 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** EPHX2, epoxide hydrolase 2, cytoplasmic, CEH, SEH, bifunctional epoxide hydrolase 2, epoxide hydrolase 2, cytosolic, epoxide

hydrolase, soluble

Official Symbol: EPHX2

Accession Number(s): NP\_001970.2; NP\_001243411.1; NP\_001243412.1

Human GeneID(s): 2053

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_001970.2; NP\_001243411.1; NP\_001243412.1). Reported variants represent

identical protein: NP\_001243413.1, NP\_001243411.1.

## **Immunogen**

Peptide with sequence C-SRTFKSLFRASDES, from the internal region of the protein sequence according to NP\_001970.2; NP\_001243411.1; NP\_001243412.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### **Applications Tested**

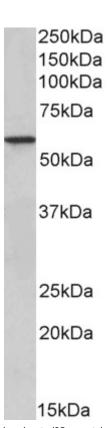
Peptide ELISA: antibody detection limit dilution 1:2000.

**Western blot:** Approx 60kDa band observed in Human Kidney lysates (calculated MW of 57.1kDa according to NP\_001243411.1). Recommended concentration: 0.3-1µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB12762 ( $0.5\mu g/ml$ ) staining of Human Kidney lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.