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Research Use Only. Not for diagnostic or therapeutic use.

EB12761 - Goat Anti-EPHX2 (aa238-251) 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-SHGYVTVKPRVRLH, 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

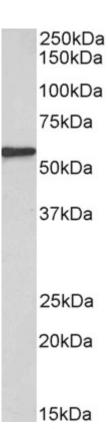
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 57kDa 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



EB12761 (0.3μg/ml) staining of Human Kidney lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.