

Goat anti-EPHX2 (aa238-251) Antibody

Item Number	dAP-3270
Target Molecule	Principle Name: EPHX2 (aa238-251); Official Symbol: EPHX2; All Names and Symbols: EPHX2; epoxide hydrolase 2, cytoplasmic; CEH; SEH; bifunctional epoxide hydrolase 2; epoxide hydratase; epoxide hydrolase 2, cytosolic; epoxide hydrolase, soluble; Accession Number (s): NP_001970.2; NP_001243411.1; NP_001243412.1; Human Gene ID(s): 2053; Non-Human GenelD(s):
Immunogen	SHGYVTVKPRVRLH, is from internal region 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.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): Nelson JW, Subrahmanyam RM, Summers SA, Xiao X, Alkayed NJ. Soluble epoxide hydrolase dimerization is required for hydrolase activity. <i>The Journal of biological chemistry</i> 2013 Mar 288 (11): 7697-703.. PMID: 23362272->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**