

Datasheet for ABIN5539669 anti-EPHX2 antibody (AA 238-251)



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Overview

Quantity:	100 µg
Target:	EPHX2
Binding Specificity:	AA 238-251
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This EPHX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	EPHX2 (aa238-251)
Sequence:	SHGYVTVKPR VRLH
Isotype:	IgG
Specificity:	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.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	EPHX2
Alternative Name:	EPHX2 (EPHX2 Products)
Background:	EPHX2, epoxide hydrolase 2, cytoplasmic, CEH, SEH, bifunctional epoxide hydrolase 2, epoxide hydratase, epoxide hydrolase 2, cytosolic, epoxide hydrolase, soluble
Gene ID:	2053
NCBI Accession:	NP_001970 , NP_001243411 , NP_001243412

Application Details

Application Notes:	Western Blot: Approx 57 kDa band observed in Human Kidney lysates (calculated MW of 57.1 kDa according to NP_001243411.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN5539669 (0.3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.