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anti-EPHX1 antibody (N-Term)

Images



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Overview	
Quantity:	100 μL
Target:	EPHX1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Goat, Horse, Cow, Zebrafish (Danio rerio), Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPHX1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic pentide directed towards the N terminal region of human EPHX1

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EPHX1
Sequence:	GPGTRSAARE DDSIRPFKVE TSDEEIHDLH QRIDKFRFTP PLEDSCFHYG
Predicted Reactivity:	Cow: 100%, Dog: 86%, Goat: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against EPHX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

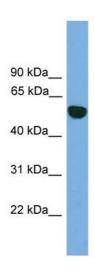
Target: EPHX1

Target Details

Background:	Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the	
	degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and	
	excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of	
	epoxides. Mutations in this gene cause preeclampsia, epoxide hydrolase deficiency or	
	increased epoxide hydrolase activity.	
	Alias Symbols: EPHX, EPOX, MEH, HYL1	
	Protein Interaction Partner: RNF2, ATP4A, UBC, HPDL, CDKN2AIP, DNAJB11, SUM01,	
	Protein Size: 455	
Molecular Weight:	53 kDa	
Gene ID:	2052	
NCBI Accession:	NM_000120, NP_000111	
UniProt:	P07099	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 455 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
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:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small	

aliquots to prevent freeze-thaw cycles.

Images



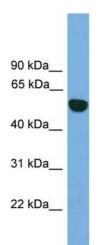
Western Blotting

Image 1. WB Suggested Anti-EPHX1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate



Rabbit Anti-EPHX1 Antibody Catalog Number: ARP54285 Lot Number: QC29016 Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-EPHX1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: Jurkat cell lysate