antibodies -online.com







anti-NOX1 antibody (Internal Region)



Images



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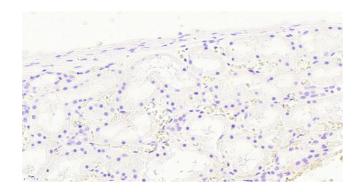
Quantity:	100 μg	
Target:	NOX1	
Binding Specificity:	Internal Region	
Reactivity:	Human	
Host:	Goat	
Clonality:	Polyclonal	
Conjugate:	This NOX1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	

Product Details

Purpose:	NOX1	
Immunogen:	Peptide with sequence C-DKATDIVTGLKQK, from the internal region of the protein sequence according to NP_008983.2, NP_39249.1.	
Sequence:	DKATDIVTGL KQK	
Isotype:	IgG	
Specificity:	This antibody is expected to recognize both reported isoforms (NP_008983.2, NP_39249.1).	
Cross-Reactivity:	Human	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

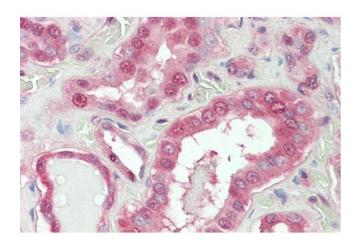
Target Details

Target:	NOX1	
Alternative Name:	NOX1 (NOX1 Products)	
Background:	NOX1, NADPH oxidase 1, GP91-2, MOX1, NOH-1, NOH1, MOX-1, NADH/NADPH mitogenic oxidase subunit P65-MOX, NADPH oxidase 1 variant NOH-1L, NADPH oxidase homolog-1, NOX-1, mitogenic oxidase (pyridine nucleotide-dependent superoxide-generating), mitogenic oxida	
Molecular Weight:	64.9kDa according to NP_008983.2	
Gene ID:	27035, 237038	
NCBI Accession:	NP_008983, NP_39249	
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, Proton Transport	
Application Details		
Application Notes:	Western Blot: Approx 70-72 kDa band observed in lysates of cell lines A549, CaCo-2, HeLa and U937, (calculated MW of 64.9 kDa according to NP_008983.2,). This molecular weight is routinely observed by other sources and was successfully blocked by incubatio Peptide ELISA: antibody detection limit dilution 1:32000.	
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.	



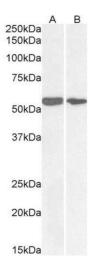
Immunohistochemistry

Image 1. (ABIN768583) Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody. This data is from a previous batch, not on sale.



Immunohistochemistry

Image 2. ABIN768583 (5μg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data was obtained using a previous batch.



Western Blotting

Image 3. ABIN768583 (0.1 μ g/ml) staining of lysate of cell line colorectal adenocarcinoma (A) and HeLa (B) (35 μ g protein in RIPA buffer). Detected by chemiluminescence.

Please check the product details page for more images. Overall 5 images are available for ABIN768583.