

Product Datasheet

NOX1 Antibody - BSA Free

NBP1-69573

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 5

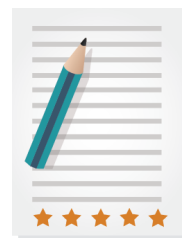
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NBP1-69573

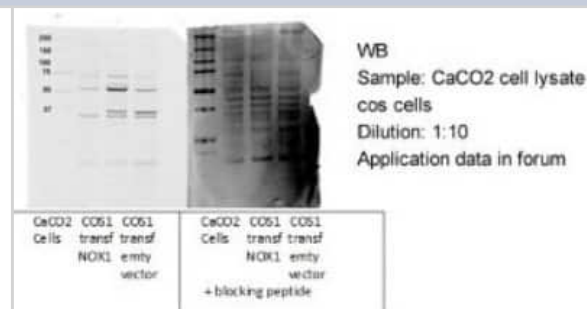
NOX1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	65 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	27035
Gene Symbol	NOX1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27175607 and 23688500). Rat reactivity reported in scientific literature (PMID: 22683600).
Immunogen	Synthetic peptides corresponding to NOX1(NADPH oxidase 1) The peptide sequence was selected from the C terminal of human NOX1. Peptide sequence STIATSHPKSVVGVFLCGPRTLAKSLRKCHRYSSLDPRKVQFYFNKENF. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry, Immunocytochemistry/Immunofluorescence Reported in scientific literature (PMID: 30096407), Immunohistochemistry-Paraffin Reported in scientific literature (PMID: 30096407), Knockdown Validated Reported in scientific literature (PMID: 30096407)

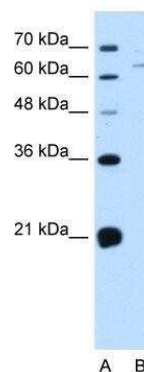


Images

Western Blot: NOX1 Antibody [NBP1-69573] - NOX1 antibody - C-terminal region validated by WB using Epithelial Colorectal Adenocarcinoma CaCO2 at 1:10.



Western Blot: NOX1 Antibody [NBP1-69573] - This Anti-NOX1 antibody was used in Western Blot of Jurkat tissue lysate at a concentration of 0.5ug/ml.



Publications

Alonso J, Canes L, Garcia-Redondo AB et al. The nuclear receptor NOR-1 modulates redox homeostasis in human vascular smooth muscle cells J. Mol. Cell. Cardiol. 2018-08-07 [PMID: 30096407] (IHC-P, ICC/IF, KD, Human)

Perez-Ternero C, Rodriguez-Rodriguez R, Herrera M et al. Diet supplementation with rice bran enzymatic extract restores endothelial impairment and wall remodelling of ApoE(-/-) mice microvessels. Atherosclerosis. 2016-04-27 [PMID: 27175607] (WB, Mouse)

He C, Zhu H, Zhang W et al. 7-Ketocholesterol Induces Autophagy in Vascular Smooth Muscle Cells through Nox4 and Atg4B. Am J Pathol 2013-06-12 [PMID: 23770348] (WB, Human)

Zhang B1, Liu Z, Hu X. Zhang B, Liu Z, Hu X. Inhibiting cancer metastasis via targeting NADPH oxidase 4. Biochem Pharmacol 2013-05-17 [PMID: 23688500] (WB, Mouse)

Details:

This publication used the HRP conjugated form of this antibody (NB110-58851H)

Quintela AM, Jimenez R, Gomez-Guzman M et al. Activation of peroxisome proliferator-activated receptor- α prevents endothelial dysfunction in type 1 diabetic rats Free Radic Biol Med 2012-06-07 [PMID: 22683600] (WB, Rat)



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Products Related to NBP1-69573

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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