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NOX1 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12718

Product Information

Application	WB
Primary Accession	Q9Y5S8
Other Accession	NM_007052, NP_008983
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64871

Additional Information

Gene ID	27035
Alias Symbol	GP91-2, MOX1, NOH-1, NOH1
Other Names	NADPH oxidase 1, NOX-1, 1.-.-.-, Mitogenic oxidase 1, MOX-1, NADH/NADPH mitogenic oxidase subunit P65-MOX, NOH-1, NOX1, MOX1, NOH1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-NOX1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	NOX1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

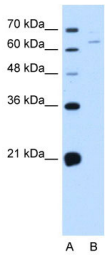
Protein Information

Name	NOX1 (HGNC:7889)
Synonyms	MOX1, NOH1
Function	NADPH oxidase that catalyzes the generation of superoxide from molecular oxygen utilizing NADPH as an electron donor.
Cellular Location	Cell projection, invadopodium membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein
Tissue Location	[Isoform NOH-1L]: Detected in colon, uterus, prostate, and colon carcinoma, but not in peripheral blood leukocytes

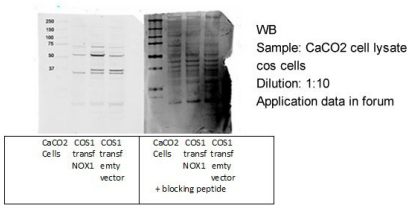
References

Kuwano,Y.,Am.J.Physiol.,CellPhysiol.290(2),C433-C443(2006)ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-NOX1 Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate



NOX1 antibody - C-terminal region validated by WB using Epithelial Colorectal Adenocarcinoma CaCO2 at 1:10.