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NOX1 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3415a

Specification

NOX1 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q9Y5S8
Other Accession	NP_008983.2, NP_39249.1, 27035, 237038 (mouse)
Reactivity	**Human, Mouse**
Predicted	**Cow, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**64871**

NOX1 Antibody (internal region) - Additional Information

Gene ID 27035

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
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NOX1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

NOX1 Antibody (internal region) - Protein Information

Name NOX1

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

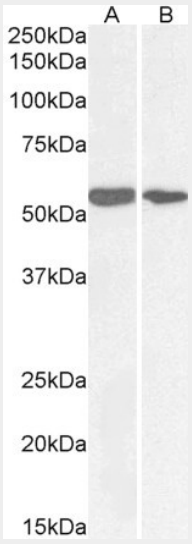
Tissue Location
[Isoform NOH-1L]: Detected in colon, uterus, prostate, and colon carcinoma, but not in peripheral blood leukocytes

NOX1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NOX1 Antibody (internal region) - Images



AF3415a (0.1µg/ml) staining of lysate of cell line colorectal adenocarcinoma (A) and HeLa (B) (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NOX1 Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_008983.2; NP_39249.1).

NOX1 Antibody (internal region) - References

Transcriptional regulation of NADPH oxidase isoforms, Nox1 and Nox4, by nuclear factor-kappaB in human aortic smooth muscle cells. Manea A, Tanase LI, Raicu M, Simionescu M, Biochemical and biophysical research communications 2010 Jun 396 (4): 901-7. PMID: 20457132