

NOX1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11959**Specification**

NOX1 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	O9Y5S8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65kDa KDa

NOX1 Antibody (C-Terminus) - 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

Target/Specificity

synthetic peptide corresponding to C-terminal residues of human NOX1 (NADPH oxidase homolog 1)

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

NOX1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

NOX1 Antibody (C-Terminus) - 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

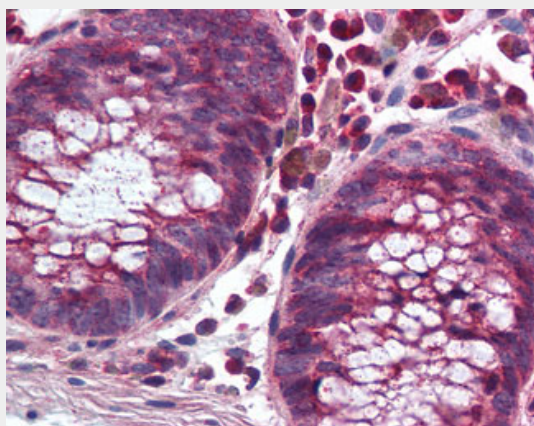
blood leukocytes

NOX1 Antibody (C-Terminus) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NOX1 Antibody (C-Terminus) - Images



Anti-NOX1 antibody IHC of human colon.

NOX1 Antibody (C-Terminus) - Background

NOH-1S is a voltage-gated proton channel that mediates the H(+) currents of resting phagocytes and other tissues. It participates in the regulation of cellular pH and is blocked by zinc. NOH-1L is a pyridine nucleotide-dependent oxidoreductase that generates superoxide and might conduct H(+) ions as part of its electron transport mechanism, whereas NOH-1S does not contain an electron transport chain.

NOX1 Antibody (C-Terminus) - References

- Suh Y.-A., et al. Nature 401:79-82(1999).
Banfi B., et al. Science 287:138-142(2000).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Ross M.T., et al. Nature 434:325-337(2005).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.