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NOX1 Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS11959

Specification

NOX1 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q9Y5S8
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

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

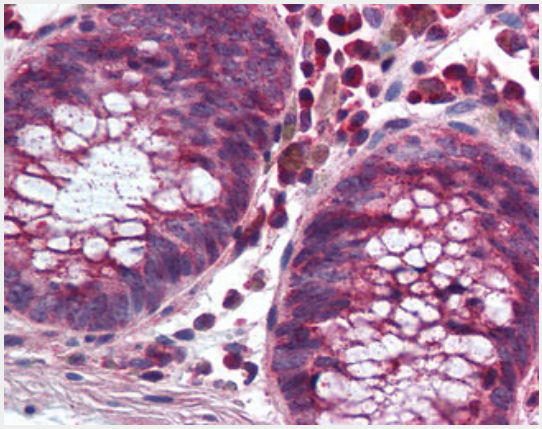
blood leukocytes

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 Cytomety
- 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.