

A11966

Leader in Biomolecular Solutions for Life Science



NOX1 Rabbit pAb

Catalog No.: A11966

2 Publications

Basic Information

Observed MW

65kDa

Calculated MW

65kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse

Background

This gene encodes a member of the NADPH oxidase family of enzymes responsible for the catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilutions

WB 1:200 - 1:500

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

27035

Swiss Prot

Q9Y5S8

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 418-564 of human NOX1 (NP_008983.2?).

Synonyms

MOX1; NOH1; NOH-1; GP91-2; NOH-1L; NOX1

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

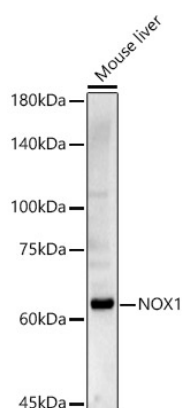
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Mouse liver, using NOX1 Rabbit pAb (A11966) at 1:500 dilution.

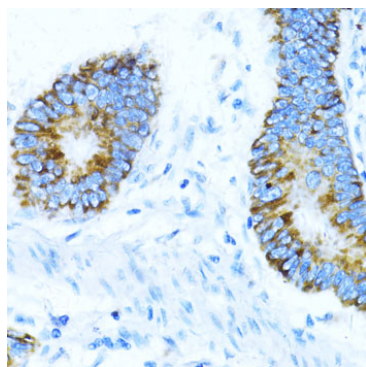
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using NOX1 Rabbit pAb (A11966) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.