

A11966

Leader in Biomolecular Solutions for Life Science



## NOX1 Rabbit pAb

Catalog No.: A11966

1 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

### 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](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

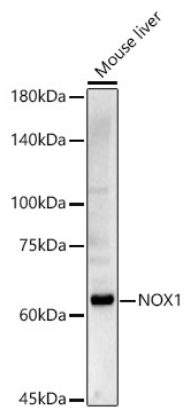
Affinity purification

**Storage**

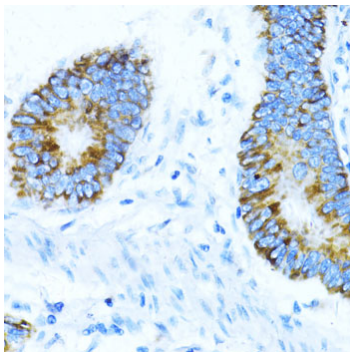
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of Mouse liver, using NOX1 Rabbit pAb (A11966) at 1:500 dilution.  
Secondary antibody: HRP 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 antibody (A11966) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.