

Mox1 Polyclonal Antibody
Catalog # AP74054**Specification**

Mox1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9Y5S8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Mox1 Polyclonal Antibody - Additional Information**Gene ID** 27035**Other Names**

NADPH oxidase 1 (NOX-1) (EC 1.-.-.-) (Mitogenic oxidase 1) (MOX-1) (NADH/NADPH mitogenic oxidase subunit P65-MOX) (NOH-1)

Dilution

WB~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Mox1 Polyclonal Antibody - 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

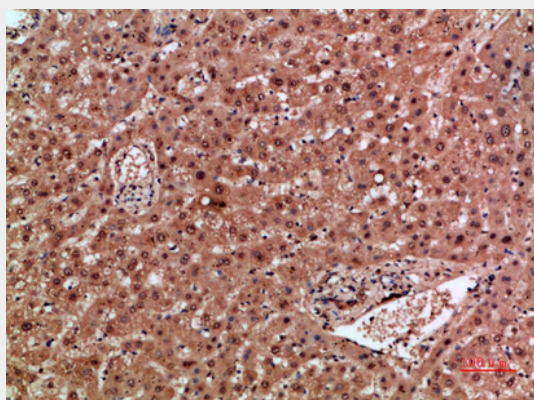
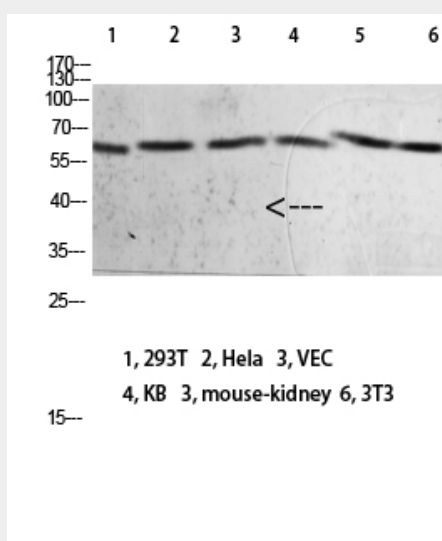
[Isoform NOH-1L]: Detected in colon, uterus, prostate, and colon carcinoma, but not in peripheral blood leukocytes

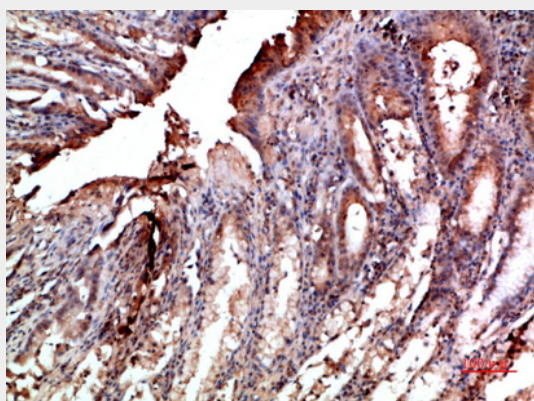
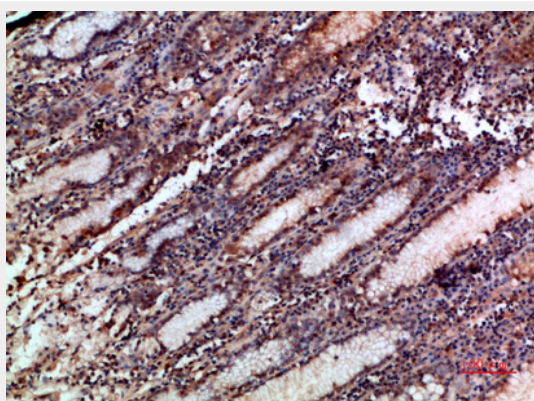
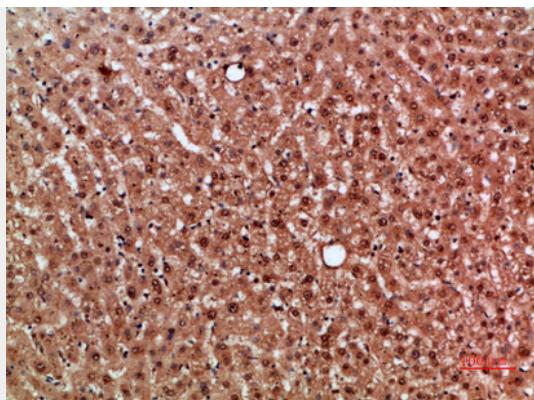
Mox1 Polyclonal Antibody - Protocols

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](#)

Mox1 Polyclonal Antibody - Images





Mox1 Polyclonal Antibody - 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.