

Nur für Forschungszwecke

# NOX1 Polyklonaler Antikörper

Katalog-Nr.:17772-1-AP

35 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 17772-1-AP	<b>GenBank-Zugangsnummer:</b> BC075014	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 400 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 27035	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:5000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> NADPH oxidase 1	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 564 aa, 65 kDa	
<b>Immunogen Katalognummer:</b> AG12187	<b>Beobachtete Masse:</b> 59 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : Mausnierengewebe, Rattennierengewebe
<b>In Publikationen genannte Anwendungen:</b> IHC, WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Hausschwein, Human, Maus, Ratte	

## Hintergrundinformationen

NNOX1(NADPH oxidase 1) is also named as MOX1, NOH1 and belongs to the reactive oxygen species (ROS)-generating NADPH oxidase family. It plays a role in host defense, cell growth and differentiation, cell migration, and malignant transformation(PMID:20351171). It also can mediate oncogenic Ras-induced upregulation of VEGF and angiogenesis by activating Sp1 through Ras-ERK-dependent phosphorylation of Sp1(PMID:18454179). It has 3 isoforms produced by alternative splicing with the molecular weight of 65 kDa, 22 kDa and 59 kDa. The full length protein has two glycosylation sites. It always can be detected two bands of 63 kDa and 55 kDa in cells by western blot or another lower band of 45 kDa which is not likely due to alternative translation or splice variation, but as adjustment for the signal peptide and tag removal(PMID:17560373) or unspecific(PMID:17460729).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zi-Miao Liu	36222195	Bone Joint Res	WB
Tingting Ren	28938844	Antioxid Redox Signal	WB
Jianhua Li	35619150	Cell Biosci	WB

## Lagerung

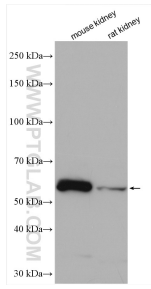
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 17772-1-AP (NOX1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.