



NOX1 Polyclonal Antibody

Catalog Number PA5-39281

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	1:500-1:1,000
Immunogen	A synthetic peptide derived from the C-terminal region of human NOX1	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Storage Conditions	-20°C		

Background/Target Information

Voltage-gated proton (hydrogen) channels play an important role in cellular defense against acidic stress. NOX1 is a homolog of the catalytic subunit of the superoxide-generating NADPH oxidase of phagocytes, gp91phox. Three splice variants of NOX1 have been identified, NOH-1L, NOH-1S and NOH-1Lv. NOH-1S is a voltage-gated proton channel that 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 have the potential to be effective treatments for a range of ischemic diseases.

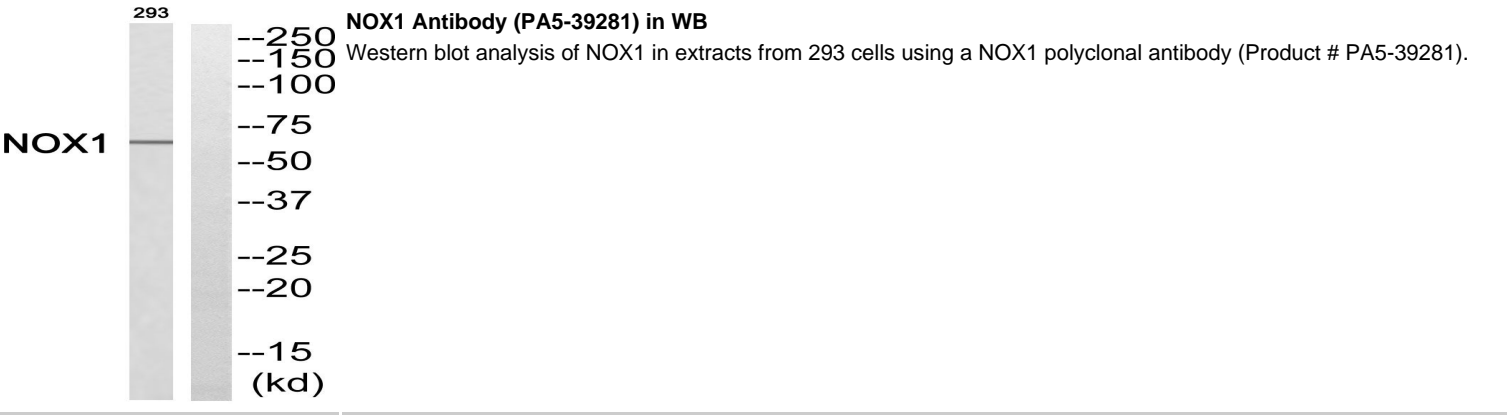
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Product Images For NOX1 Polyclonal Antibody



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