

Mox1 Polyclonal Antibody

Cat #: ABP59316

Size: 30µl /100µl /200µl

Product Information

	Product Name: Mox1 Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP59316	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Mox1 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. NOX1 (NADPH Oxidase 1) is a Protein Coding gene. Diseases associated with NOX1 include Retinitis Pigmentosa 47 and Chronic Granulomatous Disease. Among its related pathways are AGE-RAGE signaling pathway in diabetic complications and Fluid shear stress and atherosclerosis.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:500-1:200), ELISA (1:10000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

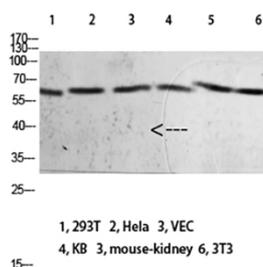


Fig.1. Western blot analysis of 293T HeLa VEC KB Mouse-kidney 3T3 lysate, antibody was diluted at 1:2000. HRP, Goat Anti-Rabbit IgG (Cat #: A21020) secondary antibody was diluted at 1:20000.

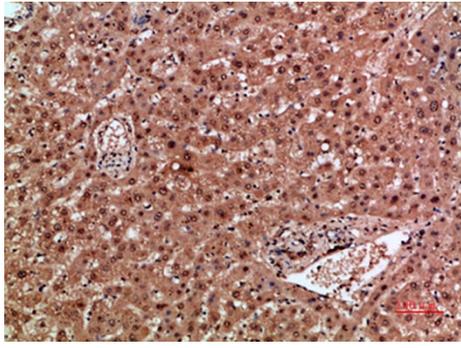


Fig.2. Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200.

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