

NADPH oxidase 4 Rabbit mAb (AR1058)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IF,ELISA
Isotype:	IgG,Kappa
MW:	67kD (Calculated) 67kD (Observed)

Recommended Dilution Ratios

WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000
Storage	-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	NOX4 RENOX
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Protein Name	NADPH oxidase 4 (Kidney oxidase-1) (KOX-1) (Kidney superoxide-producing NADPH oxidase) (Renal NAD(P)H-oxidase)
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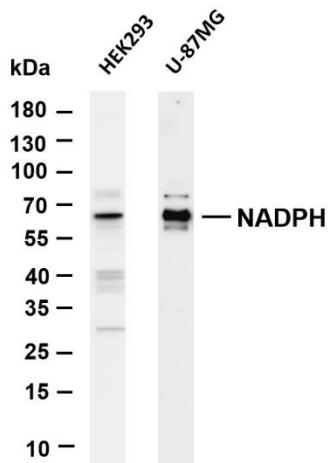
Organism	Gene ID	UniProt ID
Human	50507	Q9NPH5
Mouse		Q9JHI8
Rat		Q924V1

Cellular Localization	Cytoplasm
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Tissue specificity	Expressed by distal tubular cells in kidney cortex and in endothelial cells (at protein level). Widely expressed. Strongly expressed in kidney and to a lower extent in heart, adipocytes, hepatoma, endothelial cells, skeletal muscle, brain, several brain tumor cell
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lines and airway epithelial cells.

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NADPH antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane1: HEK293

Lane 2: U-87MG

Predicted band size: 67kDa

Observed band size: 67kDa

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