

NOX4 Polyclonal Antibody

Catalog Number: E-AB-70215



Note: Centrifuge before opening to ensure complete recovery of vial contents.

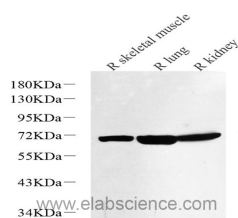
Description

Reactivity	Human, Mouse, Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse NOX4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

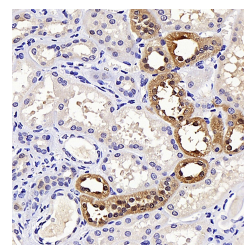
WB	1:1000-1:2000
IHC	1:400-1:1000

Data

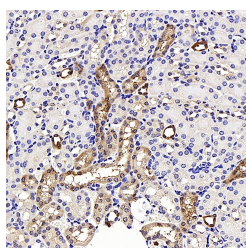


Western Blot analysis of various samples using NOX4 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:70kDa
Calculated Mw:70kDa



Immunohistochemistry analysis of paraffin-embedded human kidney using NOX4 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using NOX4 Polyclonal Antibody at dilution of 1:400.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the NOX-family of enzymes that functions as the catalytic subunit the NADPH oxidase complex. The encoded protein is localized to non-phagocytic cells where it acts as an oxygen sensor and catalyzes the reduction of molecular oxygen to various reactive oxygen species (ROS). The ROS generated by this protein have been

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

NOX4 Polyclonal Antibody

Catalog Number: E-AB-70215



implicated in numerous biological functions including signal transduction, cell differentiation and tumor cell growth. A pseudogene has been identified on the other arm of chromosome 11. Alternative splicing results in multiple transcript variants.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Tel: 1-832-243-6086

Fax: 1-832-243-6017

Web: www.elabscience.com

Email: techsupport@elabscience.com