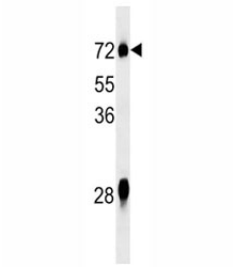
NOX3 Antibody (F46436)

Catalog No.	Formulation	Size
F46436-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F46436-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9HBY0
Applications	Western blot: 1:1000
Limitations	This NOX3 antibody is available for research use only.



NOX3 antibody western blot analysis in mouse liver tissue lysate.

Description

This gene encodes a member of the NOX family of NADPH oxidases. These enzymes have the capacity to generate superoxide and other reactive oxygen species (ROS) and transport electrons across the plasma membrane. The ROS generated by family members have been implicated in numerous biological functions including host defense, posttranlational processing of proteins, cellular signaling, regulation of gene expression, and cell differentiation. The protein encoded by this gene is expressed predominantly in the inner ear and is involved in the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity.

Application Notes

Titration of the NOX3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 73-102 from the human protein was used as the immunogen for this NOX3 antibody.

Storage

Aliquot the NOX3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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