

Datasheet for ABIN3031933
anti-NOX3 antibody (AA 73-102)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	NOX3
Binding Specificity:	AA 73-102
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOX3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A portion of amino acids 73-102 from the human protein was used as the immunogen for this NOX3 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	NOX3
Alternative Name:	NOX3 (NOX3 Products)
Background:	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

Target Details

implicated in numerous biological functions including host defense, posttranslational 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.

UniProt: [Q9HBY0](#)

Application Details

Application Notes: Titration of the NOX3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

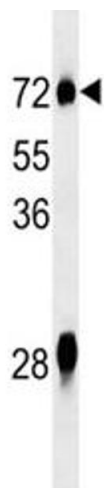
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

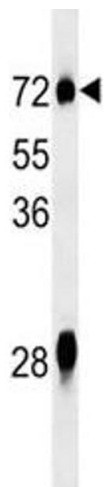
Storage: -20 °C

Storage Comment: Aliquot the NOX3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. NOX3 antibody western blot analysis in mouse liver tissue lysate.



Western Blotting

Image 2. NOX3 antibody western blot analysis in mouse liver tissue lysate.