



# Anti-NOX3 (C-terminal) polyclonal antibody (CABT-BL2643)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to C terminal residues of Mouse NOX3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA
Cellular Localization	Cytoplasm. Integral to membrane.
Format	Liquid
Buffer	50% Glycerol, PBS
Preservative	0.01% Sodium Azide
Storage	Shipped at 4°C. Store at -20°C.

## BACKGROUND

Introduction	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, posttranslational processing
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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.[provided by RefSeq, May 2009]

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## GENE INFORMATION

Entrez Gene ID	<a href="#">224480</a>
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Protein Refseq	<a href="#">NP_945196</a>
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UniProt ID	<a href="#">Q672J9</a>
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