

Datasheet for ABIN657889
anti-NOX5 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	NOX5
Binding Specificity:	AA 680-709, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NOX5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 680-709 amino acids from the C-terminal region of human NOX5.
Clone:	RB31288
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NOX5
Alternative Name:	NOX5 (NOX5 Products)
Background:	Calcium-dependent NADPH oxidase that generates superoxide. Also functions as a calcium-dependent proton channel and may regulate redox-dependent processes in lymphocytes and spermatozoa. May play a role in cell growth and apoptosis.

Target Details

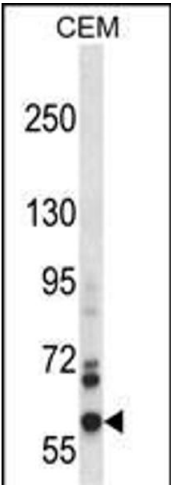
Molecular Weight:	86439
Gene ID:	79400
NCBI Accession:	NP_001171708 , NP_001171709 , NP_078781
UniProt:	Q96PH1
Pathways:	Proton Transport

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C, -20 °C
Storage Comment:	NOX5 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. NOX5 Antibody (C-term) (ABIN657889 and ABIN2846842) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the NOX5 antibody detected the NOX5 protein (arrow).