

Datasheet for ABIN7268824
anti-NOX1 antibody (AA 200-300)



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1 Image

Overview

Quantity:	100 µL
Target:	NOX1
Binding Specificity:	AA 200-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOX1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	NOX1 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human NOX1 (NP_008983.2).
Sequence:	YFEVFWYTHH LFIFYILGLG IHGIGGIVRG QTEESMNESH PRKCAESFEM WDDRDSHCRR PKFEGHPPES WKWILAPVIL YICERILRFY RSQQKVVITK V
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

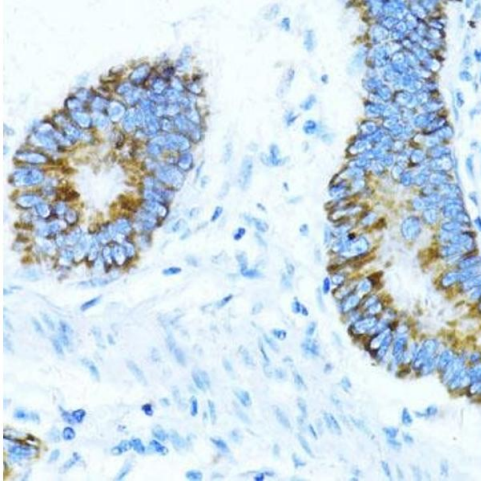
Target:	NOX1
Alternative Name:	NOX1 (NOX1 Products)
Background:	<p>This gene encodes a member of the NADPH oxidase family of enzymes responsible for the catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide.</p> <p>Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.,NOX1,GP91-2,MOX1,NOH-1,NOH1,Epigenetics & Nuclear Signaling,DNA Damage & Repair,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Nucleotide metabolism,Immunology & Inflammation,NOX1</p>
Molecular Weight:	21kDa/58kDa/64kDa
Gene ID:	27035
UniProt:	Q9Y5S8
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, Proton Transport

Application Details

Application Notes:	IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon carcinoma using NOX1 antibody (ABIN7268824) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.