

Datasheet for ABIN6144747
anti-NOX1 antibody (AA 415-564)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NOX1
Binding Specificity:	AA 415-564
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 415-564 of human NOX1 (NP_008983.2).
Sequence:	KSIWYKFQCA DHNLKTKKIY FYWICRETGA FSWFNLLTS LEQEMEELGK VGFLNYRLF TGWDSNIVGH AALNFDKATD IVTGLKQKTS FGRPMWDNEF STIATSHPKS VGVFLCGPR TLAKSLRKCC HRYSSLDPRK VQFYFNKENF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NOX1
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Target Details

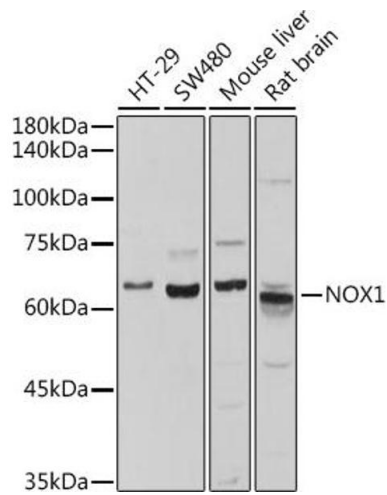
Alternative Name:	NOX1 (NOX1 Products)
Background:	<p>This gene encodes a member of the NADPH oxidase family of enzymes responsible for the catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide.</p> <p>Alternatively spliced transcript variants encoding multiple isoforms 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:	21 kDa/58 kDa/64 kDa
Gene ID:	27035
UniProt:	Q9Y5S8
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, Proton Transport

Application Details

Application Notes:	WB,1:500 - 1:2000
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using NOX1 antibody (ABIN6128327, ABIN6144747, ABIN6144749 and ABIN6224622) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.