

## Anti-NOX1 antibody (418-564) (STJ113879)

STJ113879

### GENERAL INFORMATION

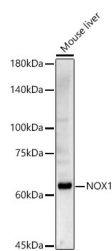
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse

### PRODUCT PROPERTIES

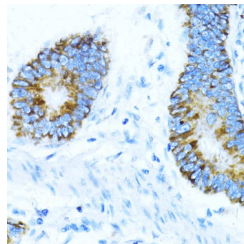
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:200-1:500
<b>Range</b>	IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	27035
<b>Gene Symbol</b>	NOX1
<b>Uniprot ID</b>	NOX1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	418-564
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 418-564 of human NOX1 (NP_008983.2?).
<b>Immunogen Sequence</b>	WYKFQCADHNLTKKIYFYW ICRETGAFSWFNLLTSLEQ EMEELGKVGFLNYRLFTGW DSNIVGHAALNFDKATDIVT GLKQKTSFGRPMWDNEFSTI ATSHPKSVVGVFLCGPRTLA KSLRKCCCHRYSSLDPRKVQF YFNKENF



Western blot analysis of mouse liver, using NOX1 rabbit polyclonal antibody (STJ113879) at 1:500 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using NOX1 antibody (STJ113879) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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