

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

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

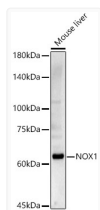
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:200-1:500 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 65kDa Observed Mw: 65kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

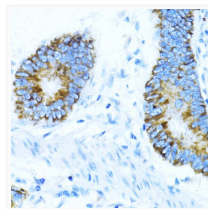
Gene ID	27035
Gene Symbol	NOX1
UniProt ID	NOX1_HUMAN
Immunogen Region	418-564
Immunogen Sequence	WYKFQCADHNLKTKKIYFYW ICRETGAFSWFNLLTSLEQ EMEELGKVGFLNYRLFLTGW DSNIVGHAALNFDKATDIVT GLKQKTSFGRPMWDNEFSTI ATSHPKSVVGVFLCGPRTLA KSLRKCCCHRYSSLDPRKVQF YFNKENF
Specificity	A synthetic peptide corresponding to a sequence within amino acids 418-564 of human NOX1 (NP_008983.2?).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



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.