

Anti-NQO1 antibody (1-100) [S4MR] (STJ11101714)

STJ11101714

GENERAL INFORMATION

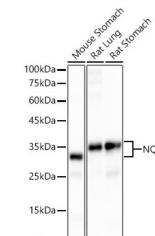
Product Type	Primary antibodies
Short Description	WB/IF/ICC/ELISA
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

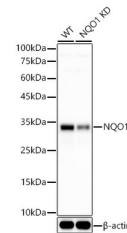
Clonality	Monoclonal
Clone ID	S4MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:20000-1:120000 IF/ICC:1:300-1:1200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

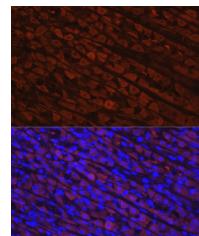
Gene ID	1728
Gene Symbol	NQO1
Uniprot ID	NQO1_HUMAN
Immunogen	
Immunogen Region	1-100
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human NQO1 (P15559).
Immunogen Sequence	MVGRRALIVLAHSERTSFNY AMKEAAAAALKKGWEVVES DLYAMMNFPPISRKDITGKL KDPANFQYPAESVLAYKEGH LSPDIVAEQKKLEADLVIF



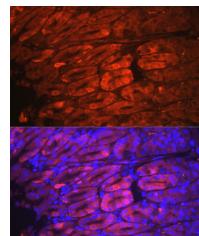
Western blot analysis of extracts of various lysates, using NQO1 antibody (STJ11101714) at 1:20000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts from wild type (WT) and NQO1 knockout (KO) HeLa cells using NQO1 antibody (STJ11101714) at 1:20000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunofluorescence analysis of rat stomach using NQO1 antibody (STJ11101714) at dilution of 1:1000. Red: NQO1 antibody (STJ11101714) at dilution of 1:1000. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse stomach using NQO1 antibody (STJ11101714) at dilution of 1:300 (40x lens). Red: NQO1 antibody (STJ11101714) at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.