

Anti-MT-CO2 antibody (101-200) (STJ113717)

STJ113717

GENERAL INFORMATION

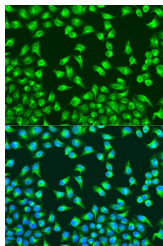
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

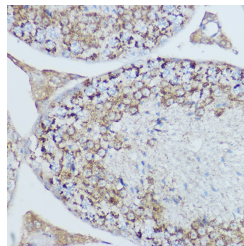
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:500 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 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

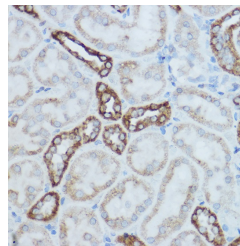
Gene ID	4513
Gene Symbol	MT-CO2
Uniprot ID	COX2_HUMAN
Immunogen	
Immunogen Region	101-200
Specificity	A synthetic peptide corresponding to a sequence within amino acids 101-200 of mouse MTCO2 (NP_904331.1).
Immunogen Sequence	GHQWYSYEYTDYEDLCFDS YMIPTNDLKPGE LRLLEDVN RVLPMELPIRMLISSEDLVLS HSWAVPSLGLKTD AIPGRNL QATVTSNRPGLFYGCSEIC



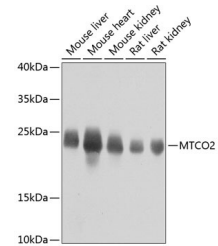
Immunofluorescence analysis of U2OS cells using MTCO2 antibody (STJ113717) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded rat testis using MTCO2 Rabbit polyclonal antibody (STJ113717) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using MTCO2 Rabbit polyclonal antibody (STJ113717) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using MTCO2 antibody (STJ113717) at 1:800 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.

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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