

## Anti-MT-CO2 antibody (100-200) (STJ113717)

STJ113717

### GENERAL INFORMATION

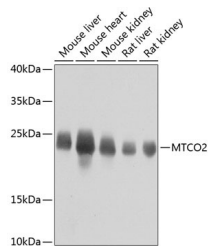
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-MTCO2 (100-200) is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence.
<b>Applications</b>	WB, IHC, IF
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

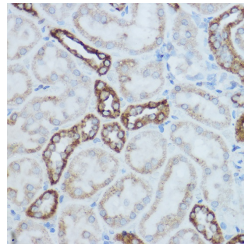
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store in a freezer at -20°C and avoid freeze-thaw cycles.

### TARGET INFORMATION

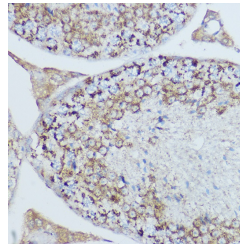
<b>Gene ID</b>	4513
<b>Gene Symbol</b>	MT-CO2
<b>Uniprot ID</b>	COX2_HUMAN
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 100-200 of mouse MTCO2 (NP_904331.1).
<b>Immunogen Region</b>	100-200
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



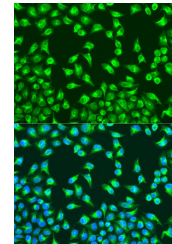
Western blot analysis of extracts of various cell lines, using MTCO2 antibody (STJ113717) at 1:800 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.



Immunohistochemistry of paraffin-embedded mouse kidney using MTCO2 rabbit polyclonal antibody (STJ113717) at dilution of 1:500 (40x lens).



Immunohistochemistry of paraffin-embedded rat testis using MTCO2 rabbit polyclonal antibody (STJ113717) at dilution of 1:500 (40x lens).



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

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.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081