

## Anti-COX4I1 antibody (23-169) (STJ28647)

STJ28647

### GENERAL INFORMATION

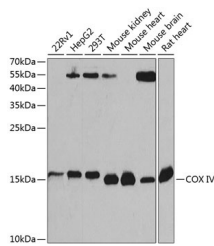
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-COX IV (23-169) is suitable for use in Western Blot, Immunofluorescence and Immunoprecipitation.
<b>Applications</b>	WB, IF, IP
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

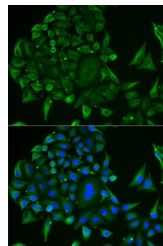
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:500-1:2000 IF 1:50-1:200 IP 1:50-1:100
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store in a freezer at -20°C and avoid freeze-thaw cycles.

### TARGET INFORMATION

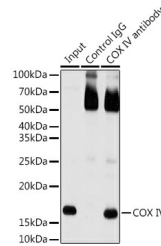
<b>Gene ID</b>	1327
<b>Gene Symbol</b>	COX4I1
<b>Uniprot ID</b>	COX41_HUMAN
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 23-169 of human COX IV (NP_001852.1).
<b>Immunogen Region</b>	23-169
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



Western blot analysis of extracts of various cell lines, using COX IV Antibody (STJ28647) at 1:1000 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.



Immunofluorescence analysis of U2OS cells using COX IV antibody (STJ28647). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200µg extracts of HeLa cells using 3µg COX IV antibody (STJ28647). Western blot was performed from the immunoprecipitate using COX IV antibody (STJ28647) at a dilution of 1:1000.

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