

## Anti-PARP1 antibody (200-300) (STJ11104306)

STJ11104306

### GENERAL INFORMATION

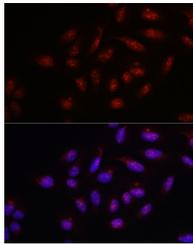
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

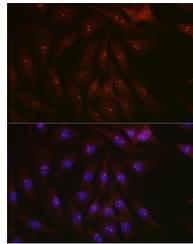
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:2000-1:6000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

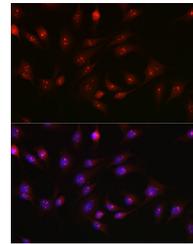
<b>Gene ID</b>	142
<b>Gene Symbol</b>	PARP1
<b>Uniprot ID</b>	PARP1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	200-300
<b>Specificity</b>	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human PARP1 (NP_001609.2).
<b>Immunogen Sequence</b>	PGVKSEGKRKGVDEVDGVDEV AKKKSKEKDKSKLEKALK AQNDLIWNKDELKVKCSTN DLKELLIFNKQQVPSGESAI LDRVADGMVFGALLPCEEC S



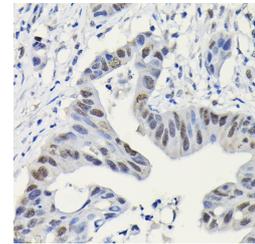
Immunofluorescence analysis of U-2 OS cells using [KO Validated] PARP1 Rabbit polyclonal antibody (STJ11104306) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using [KO Validated] PARP1 Rabbit polyclonal antibody (STJ11104306) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using [KO Validated] PARP1 Rabbit polyclonal antibody (STJ11104306) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using [KO Validated] PARP1 Rabbit polyclonal antibody (STJ11104306) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.

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