

Anti-PARP1 antibody (81-390) (STJ29827)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

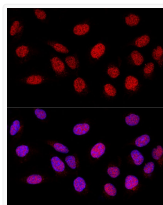
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 113kDa Observed Mw: 89kDa/113kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

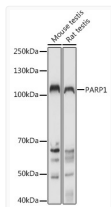
Gene ID	142
Gene Symbol	PARP1
UniProt ID	PARP1_HUMAN
Immunogen Region	81-390
Immunogen Sequence	DQQKVKKTAEAGGVGTGKGQD GIGSKAEKTLGDFAAEYAKS NRSTCKGCMKIEKGQVRLS KKMVDPEKPQLGMIDRWYHP GCFVKNREELGFRPEYSASQ LKGFSLLATEDKEALKKQLP GVKSEGGKRKGDEVDGVDEVA KKKSKKEKDKDSKLEKALKA QNDLIWNKDELKKVCSTND LKELLIFNKQQVPSGESAIL DRVADGMVFGALLPCEECSSG QLVFKSDAYYCTGDVTAWT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 81-390 of human PARP1 (NP_001609.2).

ADDITIONAL INFORMATION

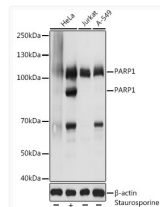
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
------	---



Confocal immunofluorescence analysis of U-2 OS cells using PARP1 Rabbit polyclonal antibody (STJ29827) at dilution of 1:200. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using PARP1 Rabbit polyclonal antibody (STJ29827) at 1:3000 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: 3s.



Western blot analysis of various lysates using PARP1 Rabbit polyclonal antibody (STJ29827) at 1:3000 dilution. HeLa cells were treated by staurosporine (1 uM) for 3 hour. 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: 1s.