

Rabbit anti-Human Cleaved PARP1 p25 Monoclonal Antibody | anti-PARP1 antibody

Cleaved PARP1 p25 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282761	Rabbit	Human	ELISA, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Cleaved PARP1 p25; Monoclonal Antibody; Cleaved PARP1 p25 Rabbit mAb; PARP; PARS; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1; Poly-PARP; anti-PARP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	QLGMIDRWYH PGCFVKNREE LGFRPEYSAS QLKGFSLLAT EDKEALKKQL PGVKSEGKRK GDEVD
Applicable Applications for anti-PARP1 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 150-214 of human Cleaved PARP1 p25 (P09874).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 600 ug extracts of Jurkat cells using 3 ug Cleaved PARP1 p25 antibody (AAA282761). Western blot was performed from the immunoprecipitate using Cleaved PARP1 p25 antibody (AAA282761) at a dilution of 1:500.



WB (Western Blot)

Western blot analysis of various lysates using Cleaved PARP1 p25 Rabbit mAb (AAA282761) at 1:1000 dilution. Jurkat cells were treated by Staurosporine(1uM) at room temperature for 3 hours .Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PARP1 antibody

This gene encodes a chromatin-associated enzyme, poly(ADP-ribosyl)transferase, which modifies various nuclear proteins by poly(ADP-ribosyl)ation. The modification is dependent on DNA and is involved in the regulation of various important cellular processes such as differentiation, proliferation, and tumor transformation and also in the regulation of the molecular events involved in the recovery of cell from DNA damage. In addition, this enzyme may be the site of mutation in Fanconi anemia, and may participate in the pathophysiology of type I diabetes.

Product Categories/Family for anti-PARP1 antibody

Epigenetics Nuclear Signaling; Epigenetic writers and erasers of core Histones; DNA Damage Repair; RNA Binding; Signal Transduction; Cell Biology Developmental Biology; Cell Cycle; Centrosome; Death Receptor Signaling Pathway; Immunology Inflammation; NF-

NCBI AND UNIPROT INFORMATION

NCBI GI #	156523968
NCBI GeneID	142
NCBI Accession #	NP_001609.2
NCBI GenBank Nucleotide #	NM_001618.3
UniProt Accession #	P09874; Q8IUZ9; B1ANJ4
Molecular Weight	Calculated MW: 113kDa Observed MW: 27kDa
UniProt Protein Name	Poly [ADP-ribose] polymerase 1
UniProt Gene Name	PARP1
UniProt Synonym Gene Names	ADPRT; PPOL; PARP-1; ARTD1; ADPRT 1
UniProt Entry Name	PARP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cleaved-parp1-p25-antibody-immunoprecipitation-western-blot-elisa/282761>