

Datasheet for ABIN462086

## anti-PARP1 antibody (AA 396-412)



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### 3 Images

#### Overview

Quantity:	50 µg
Target:	PARP1
Binding Specificity:	AA 396-412
Reactivity:	Human, Dog, Horse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from human PARP1. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Panda, Dog, Horse (100%), Elephant (94%), Rat, Bovine, Rabbit, Opossum (88%), Mouse, Platypus (82%).  Type of Immunogen: Synthetic peptide
Specificity:	KLH conjugated synthetic peptide comprising amino acids 396 - 412 [LTLGKLSRNKDEVKAMI] of the human ADP-ribosyltransferase (ADPRT) protein.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Panda, Dog, Horse (100%) Elephant (94%) Rat, Bovine, Rabbit, Opossum (88%) Mouse, Platypus (82%).

## Product Details

Purification: Protein G purified

## Target Details

Target: PARP1

Alternative Name: PARP1 / PARP ([PARP1 Products](#))

Background: Name/Gene ID: PARP1

Synonyms: PARP1, ADPRT, ADP-ribosyltransferase NAD(+), Adp-ribosyltransferase, ADPRT1, ARTD1, ADPRT 1, Poly(ADP-ribose) synthetase, Poly(ADP-ribosyl)transferase, PARP, Poly [ADP-ribose] polymerase 1, PADPRT-1, PARP-1, Poly (ADP-ribose) polymerase 1, Poly(ADP-ribose) polymerase, Poly[ADP-ribose] synthase 1, PPOL

Gene ID: 142

UniProt: [P09874](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [DNA Damage Repair](#), [Production of Molecular Mediator of Immune Response](#), [Maintenance of Protein Location](#)

## Application Details

Application Notes: Approved: ELISA (1:1000), IHC, IHC-P (5 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

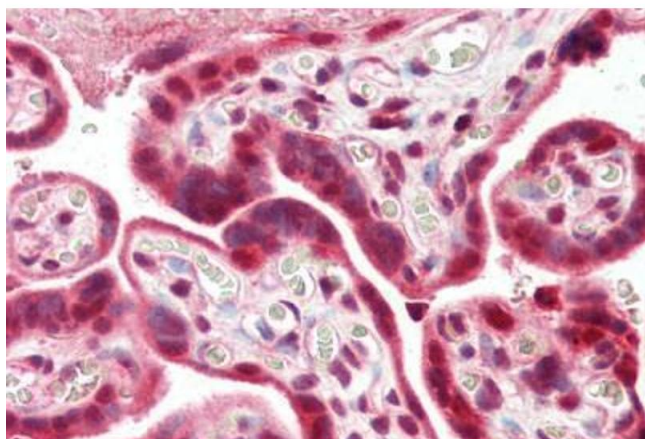
Format: Liquid

Concentration: Lot specific

## Handling

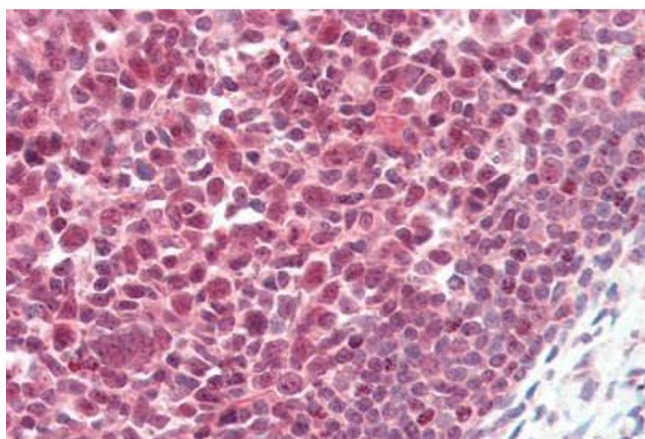
Buffer:	PBS, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

## Images



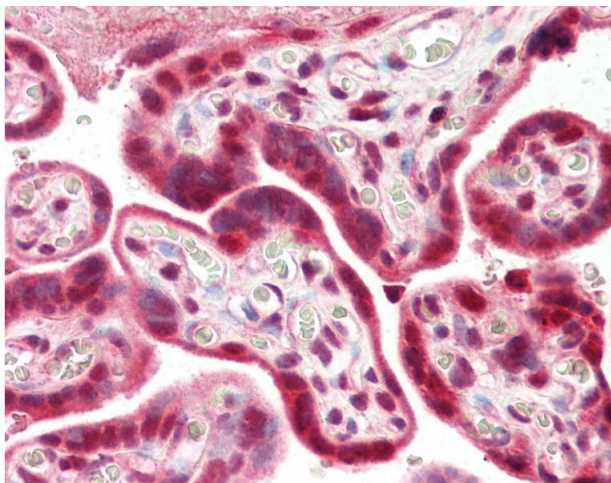
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Placenta (formalin-fixed, paraffin-embedded) stained with PARP1 antibody ABIN462086 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Human Tonsil (formalin-fixed, paraffin-embedded) stained with PARP1 antibody ABIN462086 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 3.** Anti-PARP antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.