

Rabbit PARP16 Polyclonal Antibody | anti-PARP16 antibody

PARP16 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197652	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

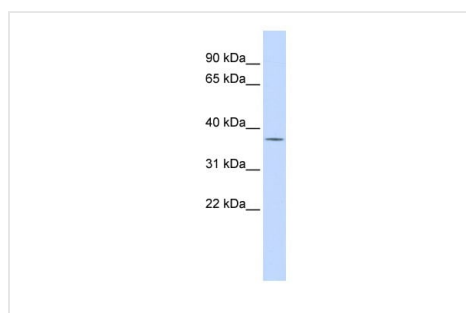
PRODUCT SYNONYMS

PARP16; Polyclonal Antibody; PARP16 antibody - middle region; anti-PARP16 antibody

PRODUCT SPECIFICATIONS

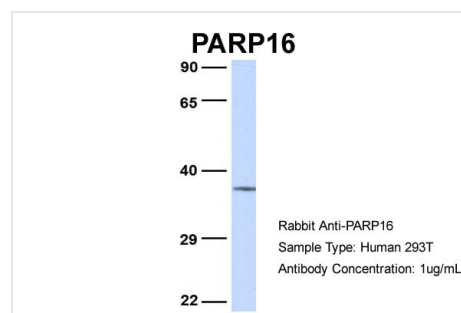
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PK YFVVTNNQLL RVKYLIVYSQ KPPKSRASSQ LSWFSSHWFT VMISLYLL
Sequence Length	323
Applicable Applications for anti-PARP16 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 79%; Dog: 86%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 80%; Rabbit: 86%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PARP16
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



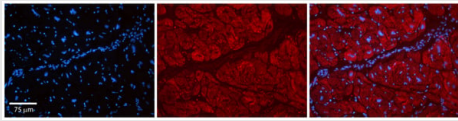
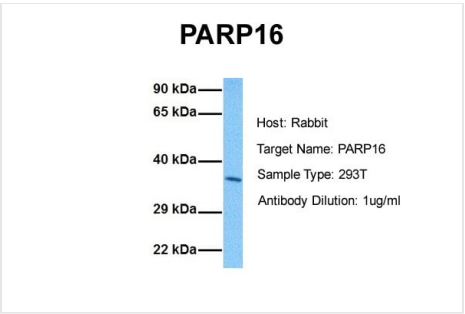
WB (Western Blot)

WB Suggested Anti-PARP16 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:31250
 Positive Control: 293T cell lysate
 PARP16 is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

Host: Rabbit
 Target Name: PARP16
 Sample Type: 293T
 Antibody Dilution: 1.0ug/ml
 PARP16 is supported by BioGPS gene expression data to be expressed in HEK293T



IHC (Immunohistochemistry)
Rabbit Anti-PARP16 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Adult heartObserved Staining: CytoplasmicPrimary Antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy2/3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 secProtocol located in Reviews and Data.

WB (Western Blot)
Host: RabbitTarget Name: PARP16Sample Tissue: Human 293TAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PARP16 antibody	This is a rabbit polyclonal antibody against PARP16. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Poly(ADP-ribosyl)ation is an immediate DNA-damage-dependent post-translational modification of histones and other nuclear proteins that contributes to the survival of injured proliferating cells. PARP16 is a member of poly(ADP-ribose) polymerases (PARPs) family that is encoded by different genes and displaying a conserved catalytic domain in which PARP-1 (113 kDa), the founding member, and PARP-2 (62 kDa) are so far the sole enzymes whose catalytic activity has been shown to be immediately stimulated by DNA strand breaks. A large repertoire of sequences encoding novel PARPs now extends considerably the field of poly(ADP-ribosyl)ation reactions to various aspects of the cell biology including cell proliferation and cell death. Some of these new members interact with each other, share common partners and common subcellular localizations suggesting possible fine tuning in the regulation of this post-translational modification of proteins.
Product Categories/Family for anti-PARP16 antibody	Polyclonal; Membrane Protein; Chromatin & Nuclear Signaling; DNA Damage & Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	46195794
NCBI GeneID	54956
NCBI Accession #	NP_060321
NCBI GenBank Nucleotide #	NM_017851
UniProt Accession #	Q8N5Y8
Molecular Weight	36kDa
NCBI Official Full Name	protein mono-ADP-ribosyltransferase PARP16 isoform 1
NCBI Official Synonym Full Names	poly(ADP-ribose) polymerase family member 16
NCBI Official Symbol	PARP16
NCBI Official Synonym Symbols	ARTD15; pART15; C15orf30
NCBI Protein Information	protein mono-ADP-ribosyltransferase PARP16; mono [ADP-ribose] polymerase PARP16
UniProt Protein Name	Mono [ADP-ribose] polymerase PARP16
UniProt Gene Name	PARP16
UniProt Entry Name	PAR16_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.

