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Product datasheet for TA334256

PARP16 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PARP16 antibody: synthetic peptide directed towards the N terminal of human PARP16. Synthetic peptide located within the following region: KRDSVLRPFPASYARGDCKDFEALLADASKLPNLKELLQSSGDNHKRAWD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	poly(ADP-ribose) polymerase family member 16
Database Link:	NP_060321 Entrez Gene 54956 Human Q8N5Y8

View online »

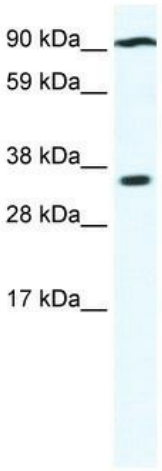
Background: Poly(ADP-ribosyl)ation is an immediate DNA-damage-dependent post-translational modification of histones and other nuclear proteins that contributes to the survival of injured proliferating cells. PARP16 is a member of poly(ADP-ribose) polymerases (PARPs) family that is encoded by different 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.

Synonyms: ARTD15; C15orf30; pART15

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Dog: 93%; Rabbit: 93%; Guinea pig: 86%

Protein Families: Transmembrane

Product images:



WB Suggested Anti-PARP16 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human kidney