



Rabbit Anti-PARG antibody

SL19879R

Product Name:	PARG
Chinese Name:	聚ADP核糖水解酶PARG抗体
Alias:	ADP riboseglycohydrolase; Mitochondrial poly(ADP ribose) glycohydrolase; Parg; PARG_HUMAN; PARG99; Poly; poly (ADP ribose) glycohydrolase; Poly (ADP-ribose) Glycohydrolase; poly(ADP-ribose) glycohydrolase 60 kDa isoform; Poly(ADP-ribose) glycohydrolase.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	110kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PARG:601-700/976
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Poly(ADP-ribose) glycohydrolase (PARG) is the major enzyme responsible for the catabolism of poly(ADP-ribose), a reversible covalent-modifier of chromosomal proteins. The protein is found in many tissues and may be subject to proteolysis generating smaller, active products. Several transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq, Jan 2015]

Function:

Poly(ADP-ribose) synthesized after DNA damage is only present transiently and is rapidly degraded by poly(ADP-ribose) glycohydrolase. Poly(ADP-ribose) metabolism may be required for maintenance of the normal function of neuronal cells.

Subunit:

Interacts with PCNA.

Subcellular Location:

Cytoplasm and Nucleus.

Tissue Specificity:

Ubiquitously expressed.

Similarity:

Belongs to the poly(ADP-ribose) glycohydrolase family.

SWISS:

Q86W56

Gene ID:

8505

Database links:

[Entrez Gene: 8505](#) Human

[Entrez Gene: 26430](#) Mouse

[Omim: 603501](#) Human

[SwissProt: Q86W56](#) Human

[SwissProt: O88622](#) Mouse

[Unigene: 10136](#) Human

[Unigene: 499594](#) Human

[Unigene: 535298](#) Human

[Unigene: 15962](#) Mouse

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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