DATASHEET

PARG Rabbit Polyclonal Antibody

CAT. NO. APA13973

KEY FEATURES

Target	PARG	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Poly(ADP-ribose) glycohydrolase that degrades poly(ADP-ribose) by hydrolyzing the ribose-ribose bonds present in poly(ADP-ribose) glycohydrolase that degrades poly(ADP-ribose) by hydrolyzing the ribose-ribose bonds present in poly(ADP-ribose) . Mainly acts as an exo-glycohydrolase but can act as an endo-glycohydrolase at low efficiency, releasing poly(ADP-ribose) of different length as well as ADP-ribose monomers . It is however unable to cleave the ester bond between the terminal ADP-ribose and ADP-ribosylated residues, leaving proteins that are mono-ADP-ribosylated . Poly(ADP-ribose) synthesized after DNA damage is only present transiently and is rapidly degraded by PARG .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to PARG
Specificity	Recognizes endogenous levels of PARG protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PARG
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 54; Observed: 111 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Poly; ADP-ribose) glycohydrolase
Gene Symbol	PARG
Entrez Gene	8505(Human); 83507(Rat)
SwissProt	Q86W56(Human); O88622(Mouse); Q9QYM2(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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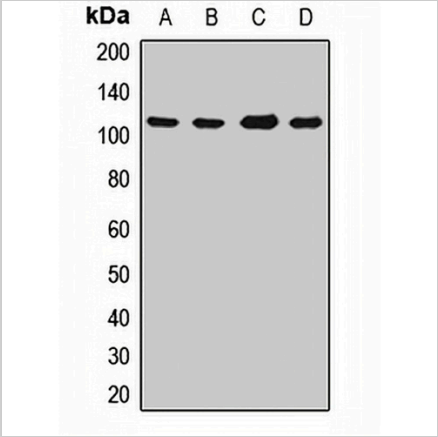
DATA



Western blot analysis of PARG expression in K562 (A), Hela (B), NIH3T3 (C), mouse liver (D) whole cell lysates. (Predicted band size: 54; 60; 99; 102; 111 kD; Observed band size: 111 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.