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# Product datasheet for TA302286

## PARG Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IHC, WB |
| **Recommended Dilution:** | WB: 1:1000, IHC: 1:10~50 |
| **Reactivity:** | Human (Predicted: Mouse) |
| **Host:** | Rabbit |
| **Isotype:** | Ig |
| **Clonality:** | Polyclonal |
| **Immunogen:** | This Parg antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 390-421 amino acids from the C-terminal region of human Parg. |
| **Formulation:** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| **Purification:** | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 111110 Da |
| **Gene Name:** | poly(ADP-ribose) glycohydrolase |
| **Database Link:** | NP_003622<br>Entrez Gene 26430 MouseEntrez Gene 8505 Human<br>Q86W56 |
| **Background:** | 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. |
| **Synonyms:** | PARG99 |

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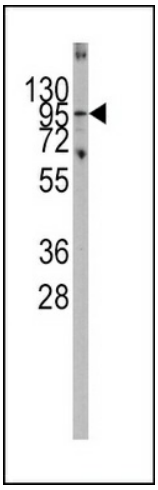
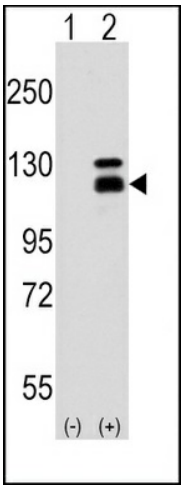
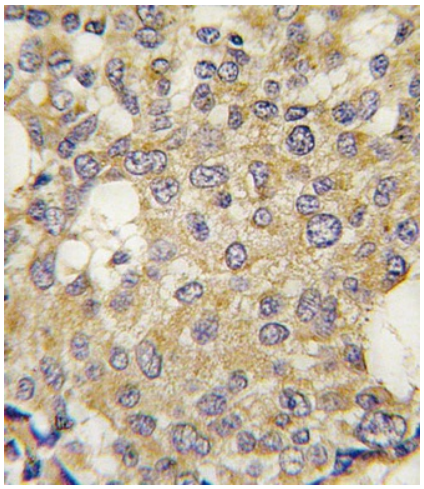
## Product images:




Western blot analysis of Parg (arrow) using rabbit polyclonal Parg Antibody (C-term) (Cat.#TA302286).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the Parg gene (Lane 2) (Origene Technologies).




Western blot analysis of Parg Antibody (C-term) in 293 cell line lysates (35ug/lane). Parg (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with Parg antibody (C-term) (Cat.#TA302286), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.