

**C12orf48 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10083b****Specification**

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**C12orf48 Antibody (C-term) Blocking peptide - Product Information**Primary Accession  
Other Accession[O9NWS1](#)  
[NP\\_060385.3](#)**C12orf48 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 55010**Other Names**

PCNA-interacting partner, PARI, PARP-1 binding protein, PARP1-binding protein, PARPBP, PARPBP, C12orf48, PARI

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**C12orf48 Antibody (C-term) Blocking peptide - Protein Information****Name** PARPBP**Synonyms** C12orf48, PARI**Function**

Required to suppress inappropriate homologous recombination, thereby playing a central role DNA repair and in the maintenance of genomic stability. Antagonizes homologous recombination by interfering with the formation of the RAD51-DNA homologous recombination structure. Binds single-strand DNA and poly(A) homopolymers. Positively regulate the poly(ADP-ribosyl)ation activity of PARP1; however such function may be indirect.

**Cellular Location**

Cytoplasm. Nucleus Note=Localizes to chromatin in response to S phase arrest but not in mitosis. Targeted to chromatin via its interaction with PCNA

**Tissue Location**

Restricted to testis. Overexpressed in multiple cancer cells.

**C12orf48 Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**C12orf48 Antibody (C-term) Blocking peptide - Images**