

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

C12orf48 Antibody (C-term) Blocking peptide - Product InformationPrimary 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