

Parp12 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6298a**Specification****Parp12 Antibody (N-term) Blocking Peptide -
Product Information**

Primary Accession [Q8BZ20](#)
Other Accession [NP_766481](#)

**Parp12 Antibody (N-term) Blocking Peptide -
Additional Information**

Gene ID 243771

Other Names

Poly [ADP-ribose] polymerase 12, PARP-12,
ADP-ribosyltransferase diphtheria toxin-like
12, ARTD12, Zinc finger CCCH
domain-containing protein 1, Parp12,
Zc3hdc1

Target/Specificity

The synthetic peptide sequence used to
generate the antibody AP6298a
was selected from the N-term region of
human Parp12. A 10 to 100 fold molar
excess to antibody is recommended.
Precise conditions should be optimized for a
particular assay.

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.

**Parp12 Antibody (N-term) Blocking Peptide -
Protein Information****Parp12 Antibody (N-term) Blocking
Peptide - Background**

Poly(ADP-ribosyl)ation is an immediate
DNA-damage-dependent post-translational
modification of histones and other nuclear
proteins that contributes to the survival of
injured proliferating cells. Poly(ADP-ribose)
polymerases (PARPs) now constitute a large
family of 18 proteins, encoded by different
genes and displaying a conserved catalytic
domain in which PARP-1 (113 kDa), the
founding member, and PARP-2 (62 kDa) are so
far the sole enzymes whose catalytic activity
has been shown to be immediately stimulated
by DNA strand breaks. A large repertoire of
sequences encoding novel PARPs now extends
considerably the field of poly(ADP-ribosyl)ation
reactions to various aspects of the cell biology
including cell proliferation and cell death.
Some of these new members interact with
each other, share common partners and
common subcellular localizations suggesting
possible fine tuning in the regulation of this
post-translational modification of proteins.

**Parp12 Antibody (N-term) Blocking
Peptide - References**

Bailey,P.J., Exp. Cell Res. 312 (16), 3108-3119
(2006)Kato,M., Int. J. Oncol. 23 (2), 541-547
(2003)

Name Parp12
{ECO:0000312|MGI:MGI:2143990}

Synonyms Zc3hdc1

Function
Mono-ADP-ribosyltransferase that mediates
mono-ADP- ribosylation of target proteins.

Cellular Location
Nucleus.

Parp12 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)