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Tiparp Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12065b

Specification

Tiparp Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q8C1B2

Tiparp Antibody (C-term) Blocking peptide - Additional Information

Gene ID 99929

Other Names
TCDD-inducible poly [ADP-ribose] polymerase, ADP-ribosyltransferase diphtheria toxin-like 14, ARTD14, Tiparp

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.

Tiparp Antibody (C-term) Blocking peptide - Protein Information

Name Tiparp {ECO:0000303|PubMed:11716501, ECO:0000312|MGI:MGI:2159210}

Function
ADP-ribosyltransferase that mediates mono-ADP-ribosylation of glutamate, aspartate and cysteine residues on target proteins (By similarity). Acts as a negative regulator of AHR by mediating mono-ADP- ribosylation of AHR, leading to inhibit transcription activator activity of AHR (Probable).

Cellular Location
Nucleus.

Tissue Location
Ubiquitously expressed.

Tiparp Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

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Tiparp Antibody (C-term) Blocking peptide - Images

Tiparp Antibody (C-term) Blocking peptide - Background

Tiparp is a poly [ADP-ribose] polymerase using NAD(+) as a substrate to transfer ADP-ribose onto glutamic acid residues of a protein acceptor; repeated rounds of ADP-ribosylation leads to the formation of poly(ADPribose) chains on the protein, thereby altering the function of the target protein. May play a role in the adaptative response to chemical exposure (TCDD) and thereby mediates certain effects of the chemicals.

Tiparp Antibody (C-term) Blocking peptide - References

Schmahl, J., et al. Genes Dev. 22(23):3255-3267(2008)Schmahl, J., et al. Nat. Genet. 39(1):52-60(2007)Stryke, D., et al. Nucleic Acids Res. 31(1):278-281(2003)Ma, Q. Arch. Biochem. Biophys. 404(2):309-316(2002)Ma, Q., et al. Biochem. Biophys. Res. Commun. 289(2):499-506(2001)