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Tiparp Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP7978a

Specification

Tiparp Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8C1B2

Tiparp Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 99929

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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7978a was selected from the N-term region of human Tiparp . 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.

Tiparp Antibody (N-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.

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Tiparp Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Tiparp Antibody (N-term) Blocking Peptide - Images

Tiparp Antibody (N-term) Blocking Peptide - Background

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 (N-term) Blocking Peptide - References

Schmahl,J., Nat. Genet. 39 (1), 52-60 (2007)Ma,Q., Arch. Biochem. Biophys. 404 (2), 309-316 (2002)Ma,Q., Biochem. Biophys. Res. Commun. 289 (2), 499-506 (2001)