

Tiparp Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP7978a

Specification

Tiparp Antibody (N-term) - Product Information

WB, IHC-P,E Application **08C1B2 Primary Accession** Reactivity Mouse Host Rabbit Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 75901 Antigen Region 60-90

Tiparp Antibody (N-term) - Additional Information

Gene ID 99929

Other Names

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

Target/Specificity

This Tiparp antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-90 amino acids from the N-terminal region of human Tiparp.

Dilution

WB~~1:1000 IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Tiparp Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Tiparp Antibody (N-term) - Protein Information

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

Function ADP-ribosyltransferase that mediates mono-ADP-ribosylation of glutamate, aspartate





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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.

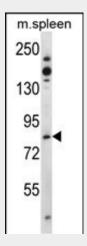
Tissue Location Ubiquitously expressed.

Tiparp Antibody (N-term) - Protocols

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

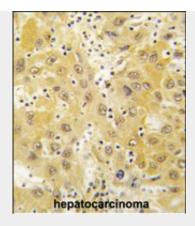
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Tiparp Antibody (N-term) - Images



Tiparp Antibody (N-term) (Cat.#AP7978a) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the Tiparp antibody detected the Tiparp protein (arrow).





Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with Tiparp antibody (N-term) (Cat.#AP7978a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Tiparp Antibody (N-term) - 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) - 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)