

**Tiparp Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7978a****Specification**

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**Tiparp Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q8C1B2</a>
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

E~~Use at an assay dependent concentration.

**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 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**

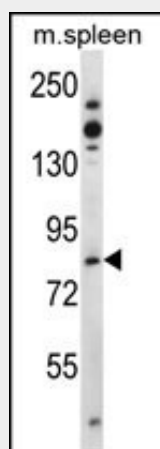
Ubiquitously expressed.

**Tiparp Antibody (N-term) - Protocols**

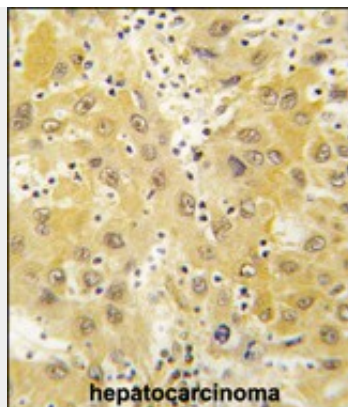
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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)