

Tiparp Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12065b**Specification**

Tiparp Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8C1B2
Other Accession	NP_849223.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	75901
Antigen Region	263-292

Tiparp Antibody (C-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 263-292 amino acids from the C-terminal region of human Tiparp.

Dilution

WB~~1:500

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

Tiparp Antibody (C-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

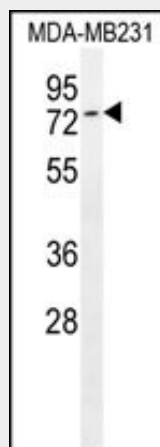
Ubiquitously expressed.

Tiparp Antibody (C-term) - Protocols

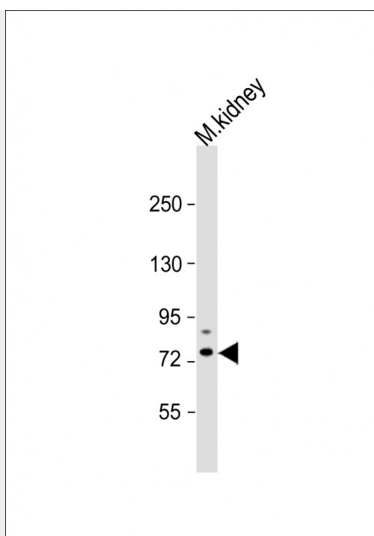
Provided below are standard protocols that you may find useful for product applications.

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

Tiparp Antibody (C-term) - Images



Tiparp Antibody (C-term) (Cat. #AP12065b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the Tiparp antibody detected the Tiparp protein (arrow).



Anti-Tiparp Antibody (C-term) at 1:500 dilution + mouse kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 76 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Tiparp Antibody (C-term) - 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) - 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)