

# TIPRL antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14764

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O75663</a>
<b>Other Accession</b>	<a href="#">NM_152902</a> , <a href="#">NP_690866</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	31444

## Additional Information

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<b>Gene ID</b>	261726
<b>Alias Symbol</b>	MGC3794, TIP, TIP41, dj69E11.3, RP1-69E11.1
<b>Other Names</b>	TIP41-like protein, Putative MAPK-activating protein PM10, Type 2A-interacting protein, TIP, TIPRL
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-TIPRL antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	TIPRL antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TIPRL
<b>Function</b>	May be a allosteric regulator of serine/threonine-protein phosphatase 2A (PP2A). Isoform 1 inhibits catalytic activity of the PP2A(D) core complex in vitro. The PP2A(C):TIPRL complex does not show phosphatase activity. Acts as a negative regulator of serine/threonine- protein phosphatase 4 probably by inhibiting the formation of the active PPP4C:PPP4R2 complex; the function is proposed to implicate it in DNA damage response by promoting H2AX phosphorylated on Ser-140 (gamma-H2AX). May play a role in the regulation of ATM/ATR signaling pathway controlling DNA replication and repair.
<b>Cellular Location</b>	Cytoplasm.

## References

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Rhodes S.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.  
Matsuda A.,et al.Oncogene 22:3307-3318(2003).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Gregory S.G.,et al.Nature 441:315-321(2006).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

## Images

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WB Suggested Anti-TIPRL Antibody Titration: 1.0 µg/ml  
Positive Control: 721\_B Whole Cell  
TIPRL is supported by  
BioGPS gene expression data to be expressed in 721\_B

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.