

TIPRL antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14764**Specification**

TIPRL antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O75663
Other Accession	NM_152902 , NP_690866
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30kDa kDa

TIPRL antibody - N-terminal region - Additional Information**Gene ID** 261726**Alias Symbol** MGC3794, TIP, TIP41, dJ69E11.3, RP1-69E11.1**Other Names**

TIP41-like protein, Putative MAPK-activating protein PM10, Type 2A-interacting protein, TIP, TIPRL

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

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.

Precautions

TIPRL antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TIPRL antibody - N-terminal region - Protein Information**Name** TIPRL**Function**

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.

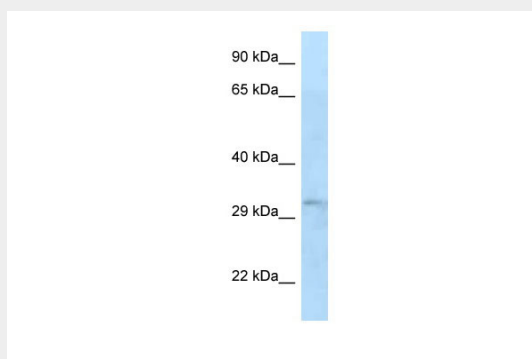
Cellular Location

Cytoplasm.

TIPRL antibody - N-terminal region - 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](#)

TIPRL antibody - N-terminal region - Images

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

TIPRL antibody - N-terminal region - References

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.