

TIPRL antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI14764

Product Information

Application WB Primary Accession 075663

Other Accession <u>NM 152902, NP 690866</u>

Reactivity Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine

Predicted Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 31444

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.

PrecautionsTIPRL antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

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

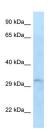
of ATM/ATR signaling pathway controlling DNA replication and repair.

Cellular Location Cytoplasm.

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.

Images



WB Suggested Anti-TIPRL Antibody Titration: 1.0 μ g/ml Positive Control: 721_B Whole CellTIPRL 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'.