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TIPRL Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF3085a

Specification

TIPRL Antibody (C-Term) - Product Information

Application	**WB**
Primary Accession	O75663
Other Accession	NP_690866.1, 261726, 226591 (mouse), 360869 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**31444**

TIPRL Antibody (C-Term) - Additional Information

Gene ID 261726

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

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TIPRL Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TIPRL Antibody (C-Term) - 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.

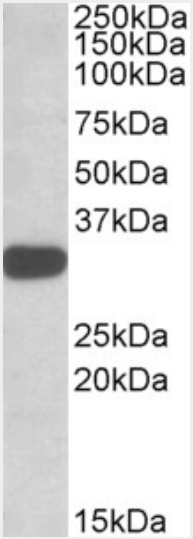
Cellular Location
Cytoplasm.

TIPRL Antibody (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 Cytomety
- Cell Culture

TIPRL Antibody (C-Term) - Images



AF3085a (1 µg/ml) staining of K562 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TIPRL Antibody (C-Term) - Background

This antibody is expected to recognize isoform 1 (NP_690866.1).

TIPRL Antibody (C-Term) - References

Follow-up of a major linkage peak on chromosome 1 reveals suggestive QTLs associated with essential hypertension: GenNet study. Ehret GB, O'Connor AA, Weder A, Cooper RS, Chakravarti A, European journal of human genetics : EJHG 2009 Jun : . PMID: 19536175