


Product datasheet

Anti-TIPRL antibody ab70795

1 References 3 Images

Overview

<b>Product name</b>	Anti-TIPRL antibody
<b>Description</b>	Rabbit polyclonal to TIPRL
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Chimpanzee, Rhesus monkey, Orangutan 
<b>Immunogen</b>	Synthetic peptide corresponding to a region between residue 225 and the C-terminus (residue 272) of human TIPRL (NP_690866.1)
<b>Positive control</b>	HeLa, 293T and NIH3T3 whole cell lysates.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab70795 was affinity purified using an epitope specific to TIPRL immobilized on solid support.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab70795** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

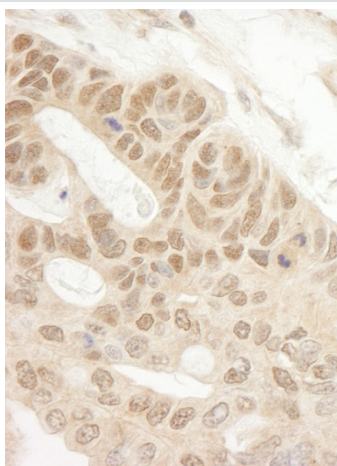
Application	Abreviews	Notes
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/2000 - 1/10000. Detects a band of approximately 32 kDa (predicted molecular weight: 32 kDa).

Application	Abreviews	Notes
IP		Use at 2-5 µg/mg of lysate.

## Target

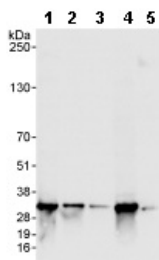
<b>Function</b>	May be a allosteric regulator of serine/threonine-protein phosphatase 2A (PP2A). Isoform 1 inhibits catalytic activity of the PP2A(D) core complex in vitro. The PP2A(C):TIPRL complex does not show phosphatase activity. May play a role in the regulation of ATM/ATR signaling pathway controlling DNA replication and repair.
<b>Sequence similarities</b>	Belongs to the TIP41 family.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Cytoplasm.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling TIPRL with ab70795 at 1/200 (1µg/ml).  
Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIPRL antibody (ab70795)



Western blot - TIPRL antibody (ab70795)

**All lanes :** Anti-TIPRL antibody (ab70795) at 0.04 µg/ml

**Lane 1 :** HeLa whole cell lysate at 50 µg/ml

**Lane 2 :** HeLa whole cell lysate at 15 µg/ml

**Lane 3 :** HeLa whole cell lysate at 5 µg/ml

**Lane 4 :** 293T whole cell lysate at 50 µg/ml

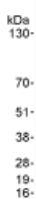
**Lane 5 :** NIH3T3 whole cell lysate at 50 µg/ml

Developed using the ECL technique

**Predicted band size :** 32 kDa

**Observed band size :** 32 kDa

**Exposure time :** 3 seconds



Immunoprecipitation - TIPRL antibody (ab70795)

Detection of TIPRL by Western Blot of Immunoprecipitate.

ab70795 at 1µg/ml staining TIPRL in HeLa whole cell lysate immunoprecipitated using ab70795 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with exposure time of 3 seconds.

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