

## Product datasheet

# Anti-TRIB3 antibody [EPR3151Y] $\alpha$ b75846

Recombinant RabMAb

[2 References](#) [1 Image](#)

### Overview

<b>Product name</b>	Anti-TRIB3 antibody [EPR3151Y]
<b>Description</b>	Rabbit monoclonal [EPR3151Y] to TRIB3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP <b>Unsuitable for:</b> Flow Cyt, ICC or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human TRIB3 (C terminal). The exact sequence is proprietary.
<b>Positive control</b>	293T cell lysates, untreated and treated with Ionomycin and TPA.
<b>General notes</b>	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab<sup>®</sup> patents](#)

This product is a recombinant rabbit monoclonal antibody.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR3151Y
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab75846** 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
WB		1/5000 - 1/20000. Detects a band of approximately 40 kDa (predicted molecular weight: 40 kDa).
IP		1/10.

**Application notes** Is unsuitable for Flow Cyt,ICC or IHC-P.

## Target

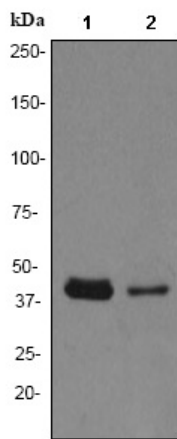
**Function** Disrupts insulin signaling by binding directly to Akt kinases and blocking their activation. May bind directly to and mask the 'Thr-308' phosphorylation site in AKT1. Binds to ATF4 and inhibits its transcriptional activation activity. Interacts with the NF-kappa-B transactivator p65 RELA and inhibits its phosphorylation and thus its transcriptional activation activity. Interacts with MAPK kinases and regulates activation of MAP kinases. May play a role in programmed neuronal cell death but does not appear to affect non-neuronal cells. Does not display kinase activity.

**Tissue specificity** Highest expression in liver, pancreas, peripheral blood leukocytes and bone marrow. Also highly expressed in a number of primary lung, colon and breast tumors. Expressed in spleen, thymus, and prostate and is undetectable in other examined tissues, including testis, ovary, small intestine, colon, leukocyte, heart, brain, placenta, lung, skeletal muscle, and kidney.

**Sequence similarities** Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Tribbles subfamily.  
Contains 1 protein kinase domain.

**Cellular localization** Nucleus.

## Images



Western blot - Anti-TRIB3 antibody [EPR3151Y]  
(ab75846)

**All lanes :** Anti-TRIB3 antibody [EPR3151Y]  
(ab75846) at 1/10000 dilution

**Lane 1 :** 293T cell lysates, treated with  
Ionomycin and  
TPA

**Lane 2 :** 293T cell lysates, untreated

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** HRP labelled goat anti-rabbit at  
1/2000 dilution

**Predicted band size:** 40 kDa

**Observed band size:** 40 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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