

Product datasheet

Anti-TRIB3 antibody [EPR3151Y] α b75846

Recombinant RabMAb

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

Overview

Product name	Anti-TRIB3 antibody [EPR3151Y]
Description	Rabbit monoclonal [EPR3151Y] to TRIB3
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: Flow Cyt, ICC or IHC-P
Species reactivity	Reacts with: Human
Immunogen	A synthetic peptide corresponding to residues on the C terminus of human TRIB3
Positive control	293T cell lysates, untreated and treated with Ionomycin and TPA.
General notes	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[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#)

This product is a recombinant rabbit monoclonal antibody.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR3151Y
Isotype	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

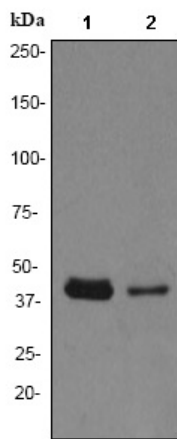
Function Disrupts insulin signaling by binding directly to Akt kinases and blocking their activation. May bind directly to and mask the 'Thr-308' phosphorylation site in AKT1. Binds to ATF4 and inhibits its transcriptional activation activity. Interacts with the NF-kappa-B transactivator p65 RELA and 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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