


Product datasheet

Anti-TRIM29 antibody ab74193

2 Images

Overview

Product name	Anti-TRIM29 antibody
Description	Rabbit polyclonal to TRIM29
Tested applications	Suitable for: IHC-P, IP Unsuitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Cow, Pig, Rhesus monkey, Gorilla, Orangutan, Bat, Elephant 
Immunogen	Synthetic peptide corresponding to a region between residues 538 and 588 of human TRIM29 (NP_036233.2)
Positive control	HeLa whole cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 8mM PBS, 60mM Citrate, 150mM Tris, pH 7-8
Purity	Immunogen affinity purified
Purification notes	ab74193 was affinity purified using an epitope specific to TRIM29 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

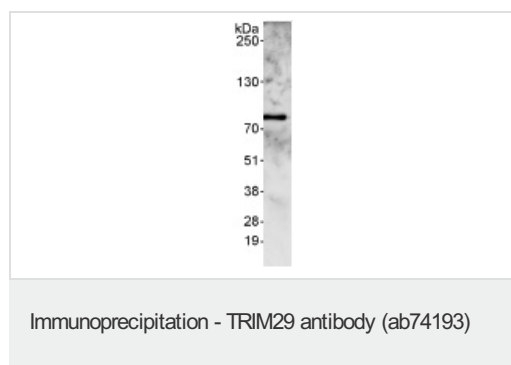
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The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application	Abreviews	Notes
IP		Use at 2-5 µg/mg of lysate.
Application notes		Is unsuitable for WB.
Target		
Function		It is able to complement the radiosensitivity defect of an ataxia telangiectasia (AT) fibroblast cell line.
Tissue specificity		Expressed in placenta, prostate and thymus.
Sequence similarities		Contains 1 B box-type zinc finger.
Post-translational modifications		Constitutively phosphorylated by PKC on serine/threonine in A431 cells.
Cellular localization		Cytoplasm. Colocalizes with intermediate filaments.

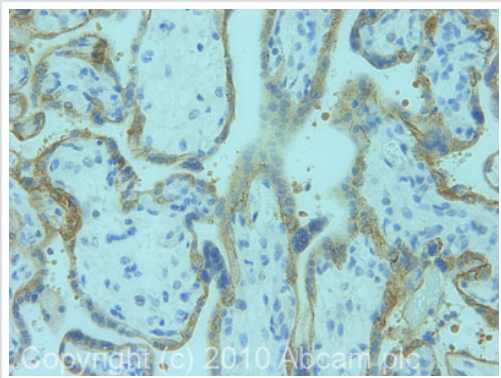
Images



Detection of TRIM29 by Western Blot of Immunoprecipitate.

ab74193 at 1 µg/ml staining TRIM29 in HeLa whole cell lysate immunoprecipitated using ab74193 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with exposure time of 10 seconds.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)-TRIM29 antibody(ab74193)

IHC image of ab74193 staining in human placenta formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab74193, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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