abcam

Product datasheet

Anti-TOR1AIP1 antibody ab86307

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Overview

Product name	Anti-TOR1AIP1 antibody
Description	Rabbit polyclonal to TOR1AIP1
Host species	Rabbit
Tested applications	**Suitable for:** WB, IP
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide, corresponding to a region between residues 175 and 225 of human TOR1AIP1 (NP_056417.2).
Positive control	WB: Jurkat nuclear extract lysate (**ab14844**), HeLa and 293T whole cell lysates. IP: HeLa whole cell lysate.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab86307 was affinity purified using an epitope specific to TOR1AIP1 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab86307 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		1/2000 - 1/10000. Predicted molecular weight: 66 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

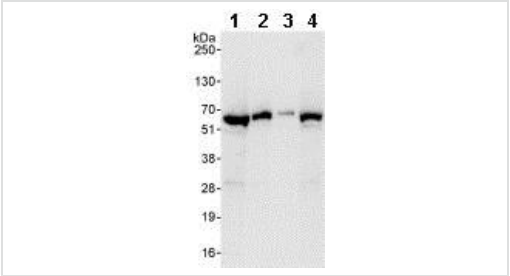
Function Binds to A- and B-type lamins. Possible role in membrane attachment and assembly of the nuclear lamina.

Sequence similarities Belongs to the TOR1AIP family.

Post-translational modifications Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization Nucleus inner membrane.

Images



Western blot - Anti-TOR1AIP1 antibody (ab86307)

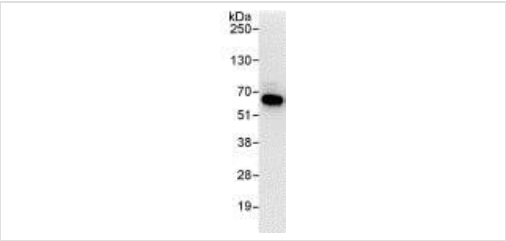
All lanes : Anti-TOR1AIP1 antibody (ab86307) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg
Lane 2 : HeLa whole cell lysate at 15 µg
Lane 3 : HeLa whole cell lysate at 5 µg
Lane 4 : 293T whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 66 kDa
Observed band size: 66 kDa

Exposure time: 30 seconds



Immunoprecipitation - Anti-TOR1AIP1 antibody (ab86307)

Detection of TOR1AIP1 by Western Blot of Immunprecipitate. ab86307, at 1 µg/ml, staining TOR1AIP1 in HeLa whole cell lysate immunoprecipitated using ab86307 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).
Detection: Chemiluminescence with an exposure time of 10 seconds.

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