


Product datasheet

Anti-Atad5 antibody ab72111

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Overview

Product name	Anti-Atad5 antibody
Description	Rabbit polyclonal to Atad5
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Gorilla 
Immunogen	Synthetic peptide corresponding to a region between residues 775 and 825 of human Atad5 (NP_079133.3)
General notes	<p>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.</p> <p>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</p>

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: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
Purity	Immunogen affinity purified
Purification notes	ab72111 was affinity purified using an epitope specific to Atad5 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab72111 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. Detects a band of approximately 160 kDa (predicted molecular weight: 208 kDa). One of our customer have mentioned using WB protocol published in J. Biol. Chem. 2010, 285:10362-10369 with lymphoblastoid cell.
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Involved in DNA damage response. Involved in a RAD9A-related damage checkpoint, a pathway that is important in determining whether DNA damage is compatible with cell survival or whether it requires cell elimination by apoptosis. Modulates the RAD9A interaction with BCL2 and thereby induces DNA damages-induced apoptosis.

Sequence similarities

Belongs to the AAA ATPase family.

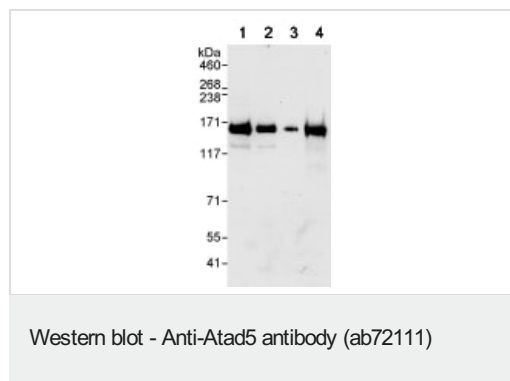
Post-translational modifications

ATR may stimulate the RAD9A dissociation.

Cellular localization

Nucleus.

Images



All lanes : Anti-Atad5 antibody (ab72111) at 0.1 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

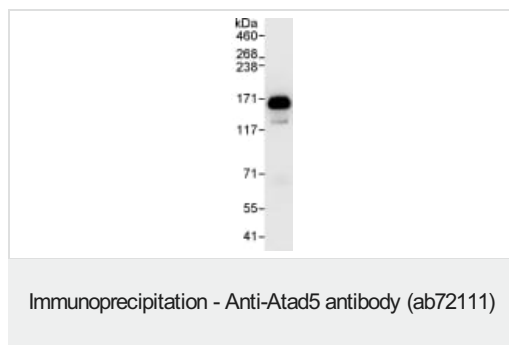
Lane 4 : 293T whole cell lysate at 50 µg/ml

Developed using the ECL technique.

Predicted band size: 208 kDa

Observed band size: 160 kDa

Exposure time: 30 seconds



Detection of Atad5 by Western Blot of Immunoprecipitate.
ab72111 at 1µg/ml staining Atad5 in HeLa whole cell lysate
immunoprecipitated using ab72111 at 3µg/mg lysate (1 mg/IP; 20%
of IP loaded/lane).
Detection: Chemiluminescence with exposure time of 30 seconds.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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