

Anti-A3H antibody ab73055

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

Overview

Product name	Anti-A3H antibody
Description	Mouse polyclonal to A3H
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein within Human A3H aa 1-200. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.
Positive control	Human colon tissue lysate and transfected 293 cell line lysate
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Constituents: Whole serum, 0.812% Sodium chloride, 0.0225% Potassium chloride, 0.0204% Monobasic dihydrogen potassium phosphate, 0.1136% Dibasic monohydrogen sodium phosphate
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab73055 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		1/500 - 1/1000. Detects a band of approximately 19,20 kDa. Expected band of 21.5 kDa (isoform 2).

Target

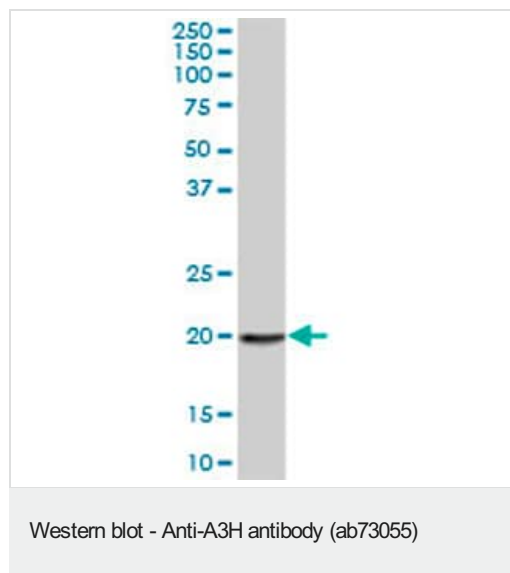
Relevance

ARP10 belongs to the cytidine and deoxycytidylate deaminase family. It is a poorly expressed deaminase that is ineffective at inhibiting retroviral replication. ARP10 has DNA deaminase (cytidine deaminase) activity but is not able to mediate G-to-A hypermutation in newly synthesized retroviral DNA. It is present at low level in 293T cells. It is considered an unstable protein, suggesting that it may be degraded by the proteasome (at protein level). Weakly expressed in testis, ovary, fetal liver and skin. There are two named isoforms. ARP10 from old world monkeys has retained its antiviral activity, while it is lost in other primates. It is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22.

Cellular localization

Nucleus. Cytoplasm. Note: Mostly nuclear.

Images

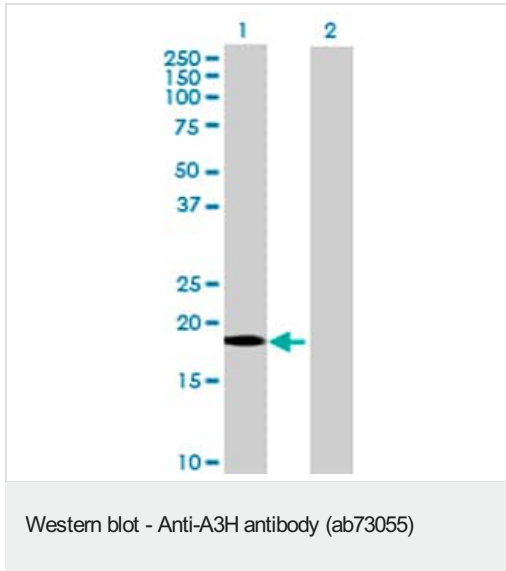


Anti-A3H antibody (ab73055) at 1/500 dilution + human colon tissue lysate at 25 µg

Secondary

Goat anti-mouse IgG (H&L)-HRP conjugate at 1/2500 dilution

Observed band size: 20 kDa



All lanes : Anti-A3H antibody (ab73055) at 1/500 dilution

Lane 1 : A3H transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat anti-mouse IgG (H&L)-HRP conjugate at 1/2500 dilution

Observed band size: 19 kDa

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

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