


Product datasheet

Anti-Ajuba antibody ab64451

2 References 1 Image

Overview

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<b>Product name</b>	Anti-Ajuba antibody
<b>Description</b>	Rabbit polyclonal to Ajuba
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide corresponding to Human Ajuba aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab93791</a> )
<b>Positive control</b>	This antibody gave a positive signal in the following whole cell lysates: HepG2; MEL-1; WI38.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&amp;As.</p>

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab64451** in the following tested applications.

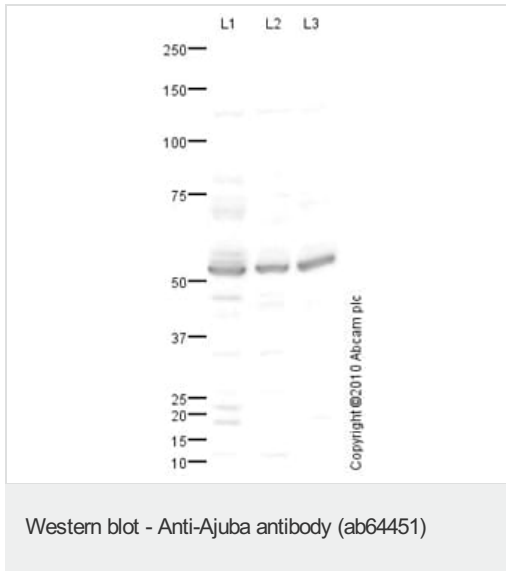
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 56 kDa (predicted molecular weight: 56 kDa).

## Target

<b>Relevance</b>	Ajuba is a member of LIM domain containing proteins that contribute to cell fate determination and regulate cell proliferation and differentiation. Ajuba is also involved in the regulation of actin cytoskeleton dynamics and cell migration. Ajuba plays a important role in the regulation of the kinase activity of AURKA/Aurora A for mitotic commitment. Is also a component of the IL 1 signaling pathway modulating IL 1 induced NF kappa B activation by influencing the assembly and activity of the PRKCZ/SQSTM1/TRAF6 multiprotein signaling complex. Ajuba is also a negative regulator of the Wnt signaling pathway.
<b>Cellular localization</b>	Cytoplasm, cytoskeleton. Cell membrane. Cell junction. Nucleus. Centrosome. Note: Shuttles between the cytoplasm and the nucleus.

## Images



**All lanes :** Anti-Ajuba antibody (ab64451) at 1 µg/ml

**Lane 1 :** HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

**Lane 2 :** MEL-1 (Human embryonic stem cell, male cell line) Whole Cell Lysate ([ab27198](#))

**Lane 3 :** WI-38 whole cell lysate ([ab3960](#))

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 56 kDa

**Observed band size:** 56 kDa

**Additional bands at:** 23 kDa, 48 kDa, 73 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 10 minutes

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

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