


Product datasheet

Anti-C3Orf34 antibody ab221816

1 Image

Overview

Product name	Anti-C3Orf34 antibody
Description	Rabbit polyclonal to C3Orf34
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Rat, Cow 
Immunogen	Recombinant fragment corresponding to Human C3Orf34 aa 84-163. Sequence: QSLAETMEQIQRETTIDPEEDLNKLDDEKELAKRKSIMDELF EKNQKKKDD PNFVYDIEVEFPQDDQLQSCGWDTESADEF Database link: Q96LK0  Run BLAST with  Run BLAST with
Positive control	ICC/IF: U-2 OS cells.
General notes	<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 & 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 & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & 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</p>

customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab221816** in the following tested applications.

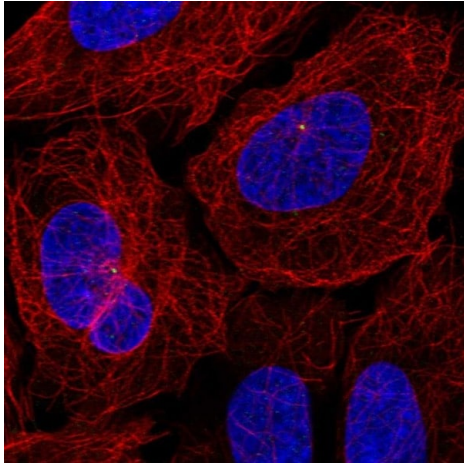
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

Relevance	C3Orf34 (HSD5) is an uncharacterized protein. This is a soluble protein with a phosphoenol pyruvate carboxylase (Ppc) domain starting near the N-terminus. The presence of a Ppc domain in HSD5 suggests that this protein may be involved in energy production and conversion pathways. The HSD5 gene is up-regulated in various tumour cell lines.
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Images



Immunocytochemistry/ Immunofluorescence - Anti-C3Orf34 antibody (ab221816)

PFA-fixed, Triton X-100 permeabilized U-2 OS (human bone osteosarcoma epithelial cell line) cells stained for C3Orf34 (green) using ab221816 at 4 µg/ml in ICC/IF.

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

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