



Product datasheet

Anti-CIA antibody ab236914

2 Images

Overview

Product name	Anti-CIA antibody
Description	Rabbit polyclonal to CIA
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	<p>Recombinant fragment corresponding to Human CIA aa 112-283. Sequence:</p> <p>DMRDSRDPMYRREGSYDRYLRMDDYCRRKDDSYFDRYR DSFDGRGPPGPE SQSRAKERLKRREERRREELYRQYFEEIQRRFDAERPVDC SVIVNKQTKD YAESVGRKVRDLGMVVDLIFLNTEVSLSQALEDVSRGGS PFAVITQQHQ IHR SCTVNIMFGTPQEHRNMPQ</p> <p>Database link: Q9HCD5</p> <p style="text-align: right;"> Run BLAST with  Run BLAST with</p>
Positive control	WB: HeLa, HEK-293 and MCF7 whole cell lysate; Mouse heart and liver tissue lysate. ICC/IF: MCF7 cells.
General notes	<p>Protein previously labeled as NCOA5.</p> <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</p>

labs or in those of our suppliers are not covered by the Abpromise guarantee.

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&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: 7.40 Constituents: 50% Glycerol (glycerin, glycerine), PBS, 0.03% Proclin 300
Purity	Protein G purified
Purification notes	Purity >95%
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab236914** in the following tested applications.

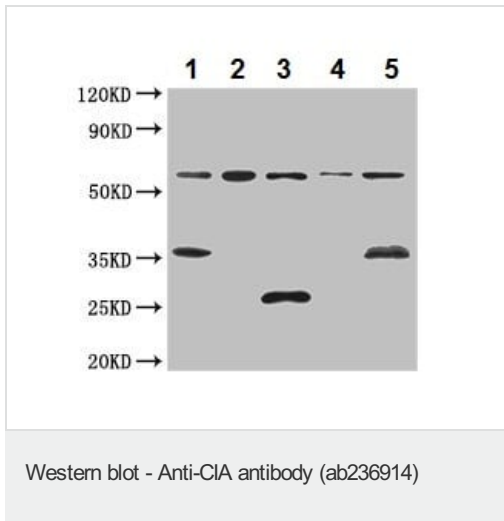
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000.
ICC/IF		1/50 - 1/200.

Target

Relevance	CIA is a nuclear receptor coregulator that can have both coactivator and corepressor functions. It interacts with nuclear receptors for steroids (ESR1 and ESR2) independently of the steroid binding domain (AF2) of the ESR receptors, and with the orphan nuclear receptor NR1D2. It is also involved in the coactivation of nuclear steroid receptors (ER) as well as the corepression of MYC/c myc in response to 17 beta estradiol (E2).
Cellular localization	Nuclear

Images



All lanes : Anti-CIA antibody (ab236914) at 1/1000 dilution

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : HEK-293 (human epithelial cell line from embryonic kidney) whole cell lysate

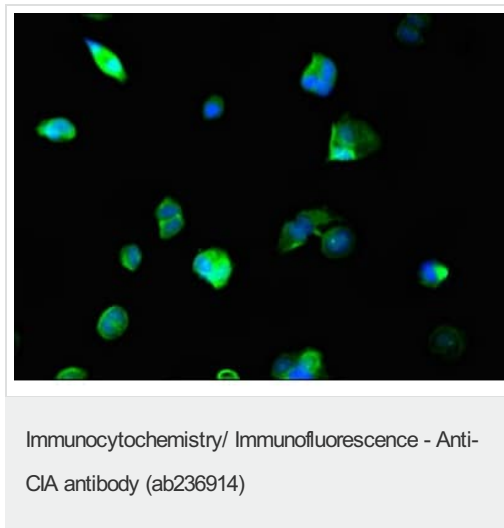
Lane 3 : MCF7 (human breast adenocarcinoma cell line) whole cell lysate

Lane 4 : Mouse heart tissue lysate

Lane 5 : Mouse liver tissue lysate

Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/50000 dilution



MCF7 (human breast adenocarcinoma cell line) cells stained for CIA (green) using ab236914 at 1/100 dilution in ICC/IF, followed by Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L) secondary antibody.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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