

Product datasheet

Anti-CCT3 antibody - C-terminal ab174255

2 References 3 Images

Overview

<b>Product name</b>	Anti-CCT3 antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to CCT3 - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Cow, Monkey 
<b>Immunogen</b>	Synthetic peptide within Human CCT3 aa 515-545 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Database link: <a href="#">P49368</a>
<b>Positive control</b>	K562 cells and cell line lysates; Human lung carcinoma tissue.

Properties

<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 long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab174255 is purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab174255** in the following tested applications.

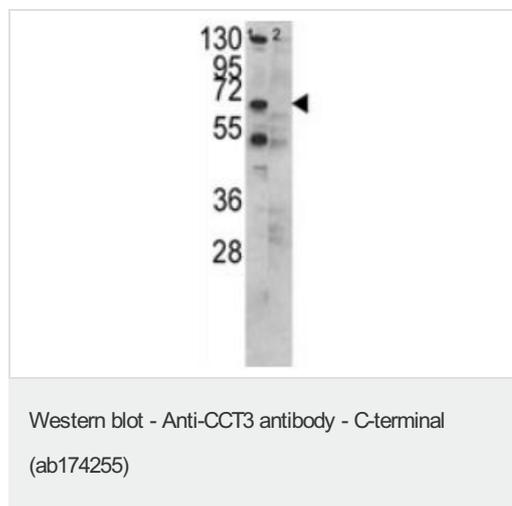
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		1/10 - 1/50. <a href="#">ab171870</a> - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/100 - 1/500. Predicted molecular weight: 61 kDa.

## Target

<b>Function</b>	Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Known to play a role, in vitro, in the folding of actin and tubulin.
<b>Sequence similarities</b>	Belongs to the TCP-1 chaperonin family.
<b>Cellular localization</b>	Cytoplasm.

## Images



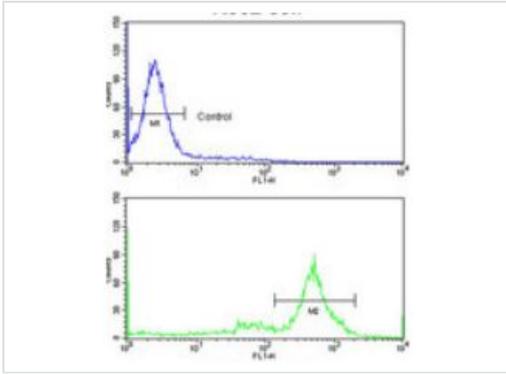
**All lanes** : Anti-CCT3 antibody - C-terminal (ab174255) at 1/100 dilution

**Lane 1** : K562 cell line lysates with no blocking peptide

**Lane 2** : K562 cell line lysates with blocking peptide

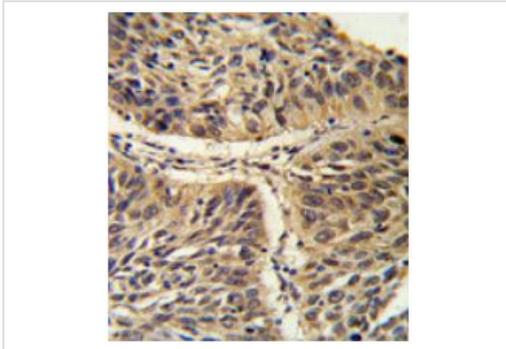
Lysates/proteins at 35 µg per lane.

**Predicted band size:** 61 kDa



Flow Cytometry - Anti-CCT3 antibody - C-terminal (ab174255)

Flow cytometric analysis of K562 cells labeling CCT3 with ab174255 at 1/10 (lower histogram) compared to a negative control cell (upper histogram). FITC-conjugated goat anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CCT3 antibody - C-terminal (ab174255)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human lung carcinoma tissue labeling CCT3 with ab174255 at 1/50 dilution. Detection utilised peroxidase conjugation of the secondary antibody and DAB staining.

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