


## Product datasheet

# Anti-ANAPC13 antibody ab151216

[1 References](#) [3 Images](#)

### Overview

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<b>Product name</b>	Anti-ANAPC13 antibody
<b>Description</b>	Rabbit polyclonal to ANAPC13
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 1-70 of Human ANAPC13. <a href="#">Run BLAST with ExpASY</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	ANAPC13 over-expression lysate; Human stomach tissue.
<b>General notes</b>	<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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab151216 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
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 8 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

## Target

### Function

Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains.

### Pathway

Protein modification; protein ubiquitination.

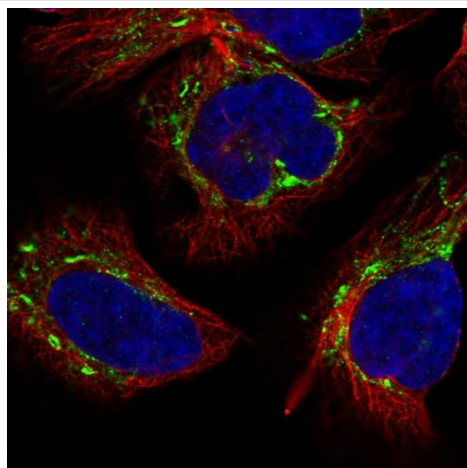
### Sequence similarities

Belongs to the APC13 family.

### Cellular localization

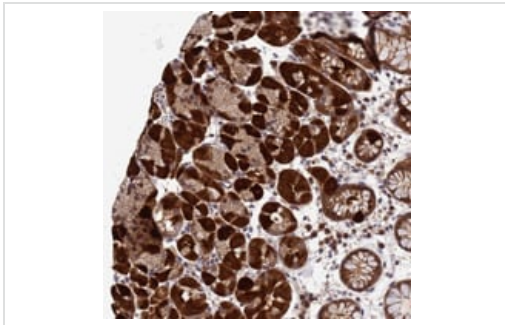
Nucleus.

## Images



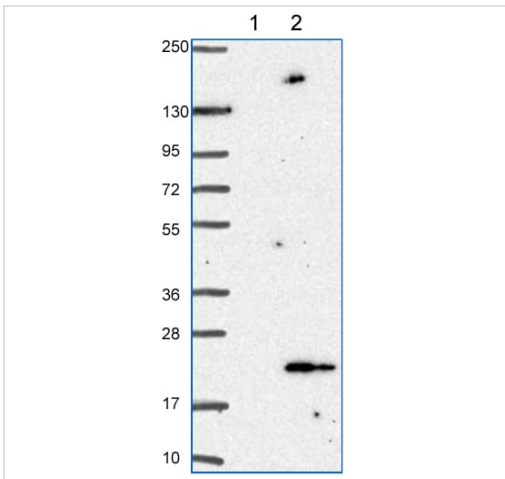
Immunofluorescent staining of Human cell line U-2 OS shows positivity in mitochondria. Recommended concentration of ab151216 1-4 µg/ml. Cells treated with PFA/Triton X-100.

Immunocytochemistry/ Immunofluorescence - Anti-ANAPC13 antibody (ab151216)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ANAPC13 antibody (ab151216)

Immunohistochemical analysis of Paraffin embedded Human stomach tissue labeling ANAPC13 with ab151216 at 1/50 dilution.



Western blot - Anti-ANAPC13 antibody (ab151216)

**All lanes :** Anti-ANAPC13 antibody (ab151216) at 1/250 dilution

**Lane 1 :** Negative control (vector only transfected HEK293T lysate)

**Lane 2 :** ANAPC13 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)

**Predicted band size:** 8 kDa

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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