

## Product datasheet

# Anti-Apc10 antibody ab106497

★★★★☆ 1 Abreviews 3 Images

### Overview

<b>Product name</b>	Anti-Apc10 antibody
<b>Description</b>	Rabbit polyclonal to Apc10
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab106497 is predicted not to cross-react with other APC family members. Two isoforms of Apc10 are known to exist; ab106497 will recognize both isoforms.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	A 16 amino acid synthetic peptide near the center of Human Apc10 (EAX05052).
<b>Positive control</b>	Mouse heart tissue and lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (stable for up to 12 months).
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab106497** 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 20 µg/ml.
WB	★★★★☆	Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 21 kDa.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.

## Target

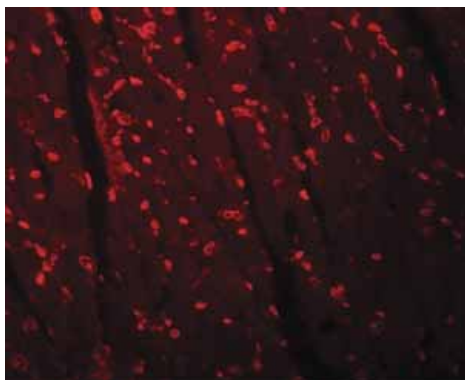
**Function** Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly 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 APC10 family.  
Contains 1 DOC domain.

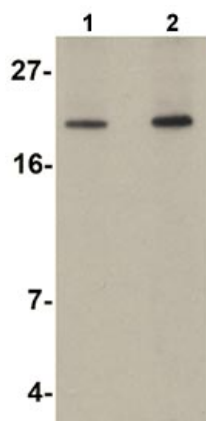
**Form** It localises to Cytosol and nucleoplasm.

## Images



Immunofluorescence of Apc10 in mouse heart tissue with ab106497 at 20 ug/mL.

Immunocytochemistry/ Immunofluorescence - Anti-Apc10 antibody (ab106497)



Western blot - Apc10 antibody (ab106497)

**Lane 1** : Anti-Apc10 antibody (ab106497) at

1  $\mu\text{g/ml}$

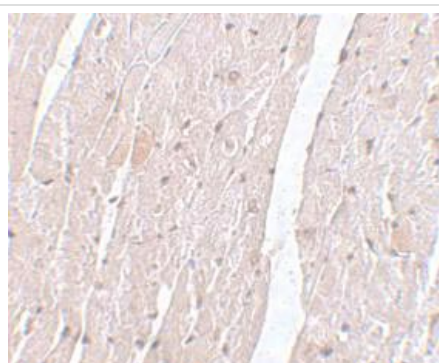
**Lane 2** : Anti-Apc10 antibody (ab106497) at

2  $\mu\text{g/ml}$

**All lanes** : Mouse heart tissue lysate

Lysates/proteins at 15  $\mu\text{g}$  per lane.

**Predicted band size:** 21 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Apc10 antibody (ab106497)

ab106497, at 5  $\mu\text{g/ml}$ , staining Apc10 in

Mouse heart tissue by Immunohistochemistry.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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