

Product datasheet

Anti-Apc10 antibody ab106497

★★★★★ [1 Abreviews](#) [3 Images](#)

Overview

Product name	Anti-Apc10 antibody
Description	Rabbit polyclonal to Apc10
Host species	Rabbit
Specificity	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.
Tested applications	Suitable for: ICC/IF, WB, IHC-P
Species reactivity	Reacts with: Mouse
Immunogen	A 16 amino acid synthetic peptide near the center of Human Apc10 (EAX05052).
Positive control	Mouse heart tissue and lysate
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (stable for up to 12 months).
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

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	★★★★★ (1)	Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 21 kDa.
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.

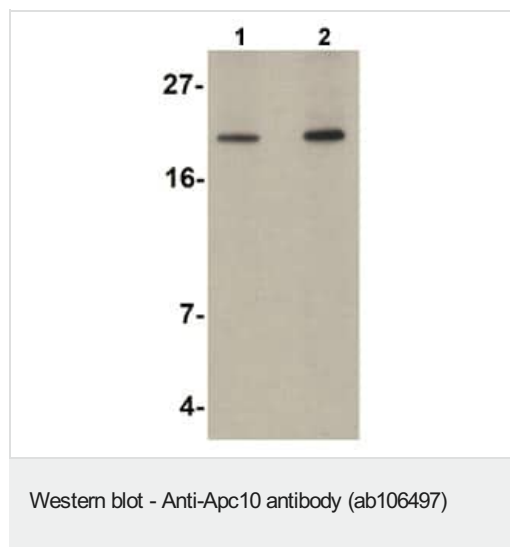
Sequence similarities

Belongs to the APC10 family.
Contains 1 DOC domain.

Form

It localises to Cytosol and nucleoplasm.

Images



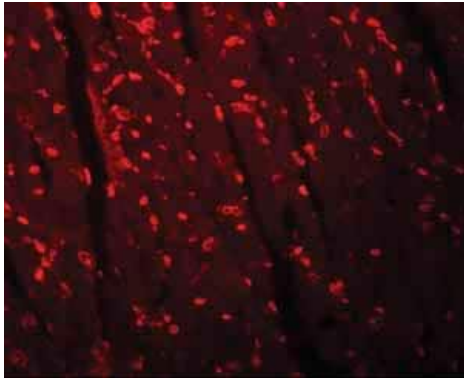
Lane 1 : Anti-Apc10 antibody (ab106497) at 1 µg/ml

Lane 2 : Anti-Apc10 antibody (ab106497) at 2 µg/ml

All lanes : Mouse heart tissue lysate

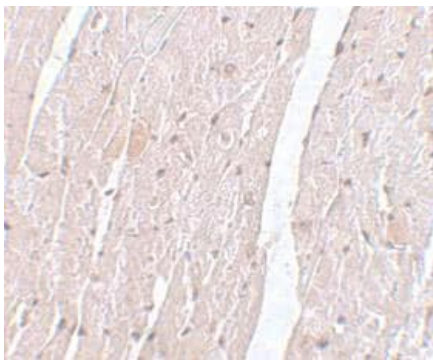
Lysates/proteins at 15 µg per lane.

Predicted band size: 21 kDa



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

Immunocytochemistry/ Immunofluorescence - Anti-Apc10 antibody (ab106497)



ab106497, at 5 µg/ml, staining Apc10 in Mouse heart tissue by Immunohistochemistry.

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

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

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- 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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