

Anti-Cyclin T2/CCNT2 antibody ab96133

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Overview

Product name	Anti-Cyclin T2/CCNT2 antibody
Description	Rabbit polyclonal to Cyclin T2/CCNT2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human Cyclin T2/CCNT2 aa 497-707.
Positive control	WB: 293T, A431, H1299, HeLa, HepG2, MOLT4 and Raji cell lysates ICC/IF: Hela cell IHC-P: H1299 Xenograft; mouse brain tissue.
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab96133 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		1/500 - 1/3000. Predicted molecular weight: 81 kDa.
IHC-P		1/100 - 1/250.
ICC/IF		1/100 - 1/200.

Target

Function

Regulatory subunit of the cyclin-dependent kinase pair (CDK9/cyclin T) complex, also called positive transcription elongation factor B (P-TEFB), which is proposed to facilitate the transition from abortive to production elongation by phosphorylating the CTD (carboxy-terminal domain) of the large subunit of RNA polymerase II (RNAP II).

Tissue specificity

Ubiquitously expressed.

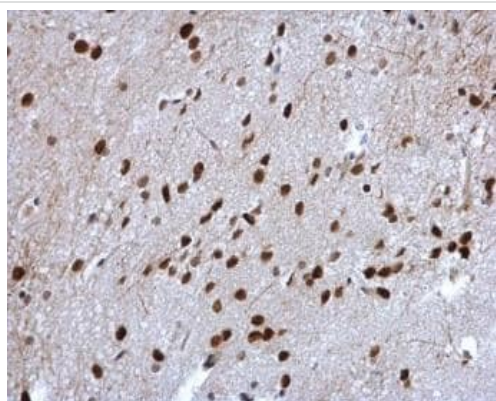
Sequence similarities

Belongs to the cyclin family. Cyclin C subfamily.

Cellular localization

Nucleus.

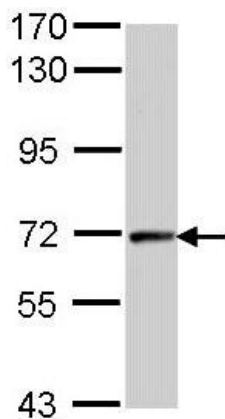
Images



ab96133, at a 1/100 dilution, staining Cyclin T2/CCNT2 in paraffin embedded mouse brain tissue by Immunohistochemistry.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cyclin T2/CCNT2 antibody (ab96133)

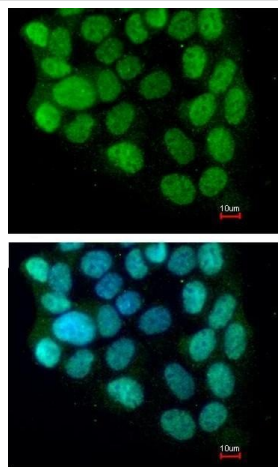


Western blot - Anti-Cyclin T2/CCNT2 antibody
(ab96133)

Anti-Cyclin T2/CCNT2 antibody (ab96133) at 1/1000 dilution +
HepG2 whole cell lysate at 30 µg

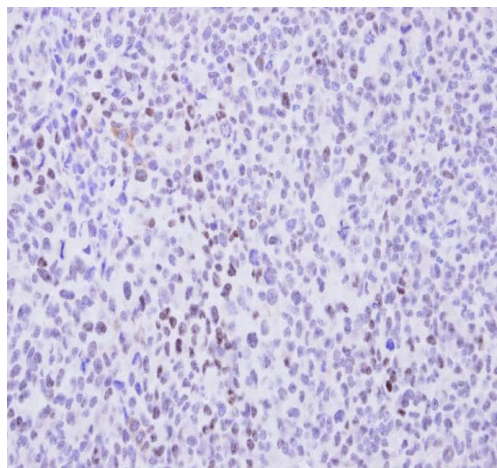
Predicted band size: 81 kDa

7.5% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-
Cyclin T2/CCNT2 antibody (ab96133)

ab96133, at a 1/200 dilution, staining Cyclin T2/CCNT2 in
paraformaldehyde fixed A431 cells by Immunofluorescence.
Lower image: merged with DNA probe.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cyclin T2/CCNT2 antibody (ab96133)

ab96133, at a 1/100 dilution, staining Cyclin T2/CCNT2 in paraffin embedded H1299 (human cell line) xenograft by Immunohistochemistry.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

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

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