


Anti-Ctip2 antibody ab70453

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

Overview

Product name	Anti-Ctip2 antibody
Description	Rabbit polyclonal to Ctip2
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Rabbit, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis 
Immunogen	Synthetic peptide corresponding to a region between C terminal residues 850-894 of human Ctip2 (Swiss-Prot Q9C0K0).
Positive control	WB: Jurkat, MOLT-4 cells; IP: Jurkat; IHC: human prostate carcinoma 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. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70453 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		1/2000 - 1/10000. Detects a band of approximately 120-130 kDa (predicted molecular weight: 100 kDa).
IP		Use at 2-10 µg/mg of lysate.
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Tumor-suppressor protein involved in T-cell lymphomas. May function on the P53-signaling pathway. May be a key regulator of both differentiation and survival during thymocyte development. Repress transcription through direct, TFCOUP2-independent binding to a GC-rich response element.

Tissue specificity

Highly expressed in brain and in malignant T-cell lines derived from patients with adult T-cell leukemia/lymphoma.

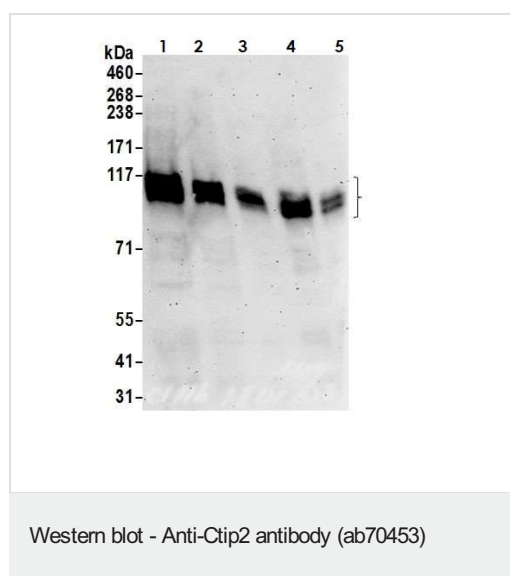
Sequence similarities

Contains 6 C2H2-type zinc fingers.

Cellular localization

Nucleus.

Images



All lanes : Anti-Ctip2 antibody (ab70453) at 0.1 µg/ml

Lane 1 : Jurkat whole cell lysate at 50 µg

Lane 2 : Jurkat whole cell lysate at 15 µg

Lane 3 : Jurkat whole cell lysate at 5 µg

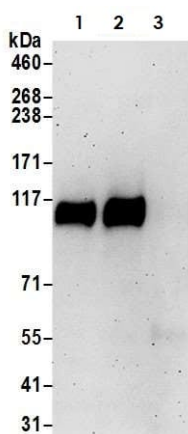
Lane 4 : MOLT-4 whole cell lysate at 50 µg

Lane 5 : MOLT-4 whole cell lysate at 15 µg

Predicted band size: 100 kDa

Exposure time: 3 minutes

Prepared using NETN lysis



Immunoprecipitation - Anti-Ctip2 antibody (ab70453)

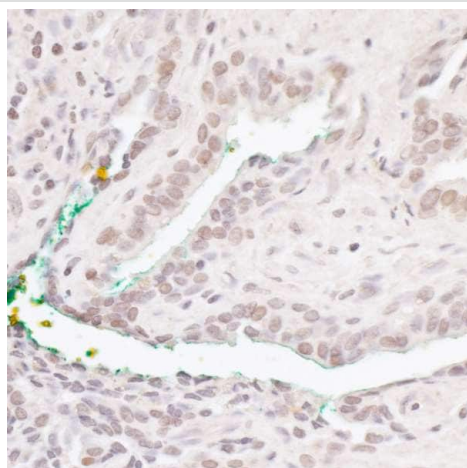
Ctip2 was immunoprecipitated from Jurkat whole cell lysate (1 mg per IP reaction, 20% loaded) with ab70453 at 6 µg per reaction. Western blot was performed on the immunoprecipitate using ab70453 at 1 µg/mL.

Lane 1: rabbit anti-Bcl11b antibody IP in Jurkat whole cell lysate.

Lane 2: ab70453 IP in Jurkat whole cell lysate.

Lane 3: Control IgG in Jurkat whole cell lysate.

Detection: Chemiluminescence with an exposure time of 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ctip2 antibody (ab70453)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate carcinoma tissue labelling Ctip2 with ab70453 at 1/1000 dilution.

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

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