

Anti-CNNM1 antibody ab122648

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

Overview

Product name	Anti-CNNM1 antibody
Description	Rabbit polyclonal to CNNM1
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	antigen sequence:TACHMDSSPQSPDMEAFTDGDSTKAPTTRGTPQTPKDDPAI TLLNNRNSLPCSRSDGLRS PSEVVYLRMEELAFTQEEMTDFFEEHSTQQLT, corresponding to amino acids 791-881 of Human CNNM1 Isoform 1 (Q9NRU3). Run BLAST with Expasy Run BLAST with NCBI
Positive control	Human testis tissue Human plasma tissue Human liver tissue lysate Human tonsil tissue lysate RT 4 cell line lysate U 251 MG cell line 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 -20°C.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab122648 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 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment
WB		1/250 - 1/500.
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Probable metal transporter.

Tissue specificity

Restricted to brain and testis.

Sequence similarities

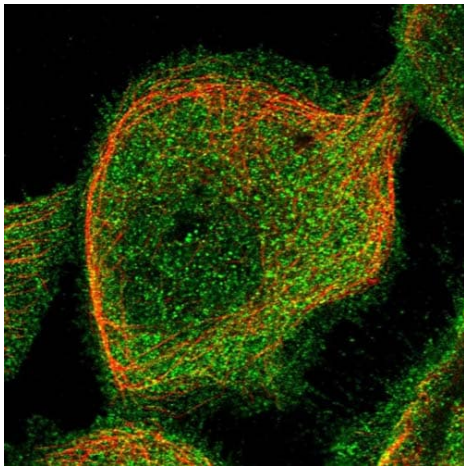
Belongs to the ACDP family.

Contains 2 CBS domains.

Cellular localization

Cell membrane.

Images



Immunofluorescent staining of Human cell line A-431 shows positivity in nucleus but not nucleoli, plasma membrane and cytoplasm. Recommended concentration of ab122648 1-4 µg/ml. Cells treated with PFA/Triton X-100.

Immunocytochemistry/ Immunofluorescence - Anti-CNNM1 antibody (ab122648)



Western blot - Anti-CNNM1 antibody (ab122648)

All lanes : Anti-CNNM1 antibody (ab122648) at 1/250 dilution

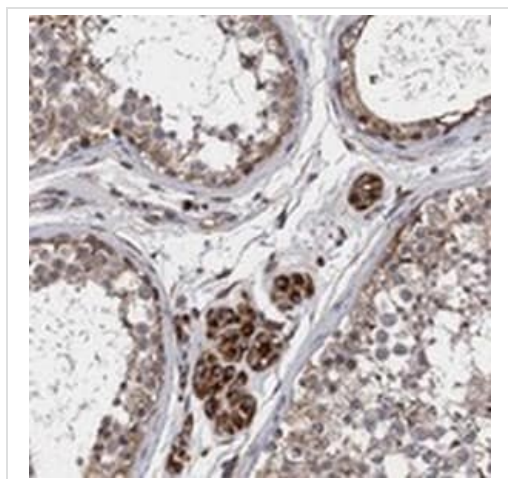
Lane 1 : RT 4 cell line lysate

Lane 2 : U 251 MG cell line lysate

Lane 3 : Human plasma

Lane 4 : Human liver tissue lysate

Lane 5 : Human tonsil tissue lysate



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CNNM1 antibody (ab122648)

ab122648, at 1/1000, staining CNNM1 in paraffin embedded Human testis by Immunohistochemistry.

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

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