


Anti-CPNE1 antibody ab155675

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

Overview

Product name	Anti-CPNE1 antibody
Description	Rabbit polyclonal to CPNE1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rabbit, Cow, Dog, Pig 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 250-537 of Human CPNE1 (UniProt ID: Q99829).
Positive control	293T, A431, H1299, HeLaS3, HepG2, MOLT4, Raji and Mouse brain whole cell lysates; Human Cal27 xenograft 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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155675 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: 59 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

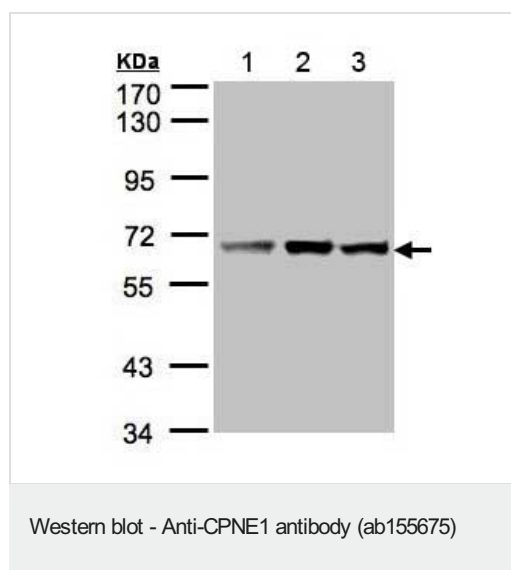
Function

May function in membrane trafficking. Exhibits calcium-dependent phospholipid binding properties.

Sequence similarities

Belongs to the copine family.
Contains 2 C2 domains.
Contains 1 VWFA domain.

Images



All lanes : Anti-CPNE1 antibody (ab155675) at 1/1000 dilution

Lane 1 : 293T whole cell lysate

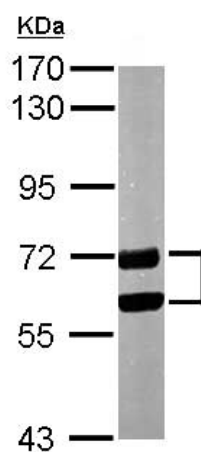
Lane 2 : A431 whole cell lysate

Lane 3 : H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 59 kDa

7.5% SDS PAGE

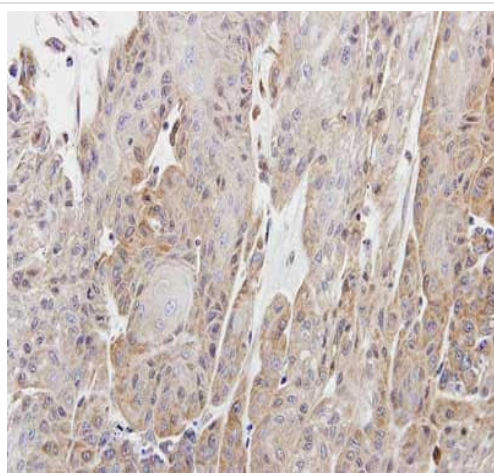


Western blot - Anti-CPNE1 antibody (ab155675)

Anti-CPNE1 antibody (ab155675) at 1/1000 dilution + Mouse brain whole cell lysate at 50 µg

Predicted band size: 59 kDa

7.5% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CPNE1 antibody (ab155675)

Immunohistochemical analysis of paraffin-embedded Human Cal27 xenograft tissue labeling CPNE1 with ab155675 at 1/100 dilution.

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

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