

Product datasheet

Anti-Vinexin antibody ab126971

2 Images

Overview

Product name	Anti-Vinexin antibody
Description	Rabbit polyclonal to Vinexin
Host species	Rabbit
Specificity	This antibody should recognize isoform Beta (O60504-2) and isoform alpha (O60504-1).
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human Vinexin (internal sequence). Database link: O60504
Positive control	NT2D1 and IMR32 whole cell lysates; Human Colon carcinoma tissue.
General notes	<p>Keep as concentrated solution.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as 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, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab126971** in the following tested applications.

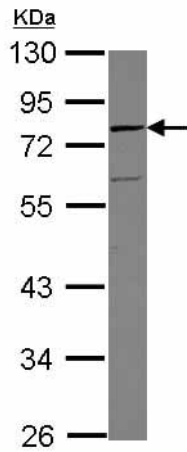
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 75 kDa.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. citrate buffer-10mM

Target

Relevance	Vinexin is a focal adhesion protein with a sorbin homology (SoHo) domain as well as 3 SH3 domains. It exists as at least three splice variants - alpha, beta and gamma. It is thought to play a key role in cell adhesion, cell spreading and migration and cytoskeletal organisation. It has also been implicated signaling due to its interaction with the extracellular signal-regulated kinase ERK. Binds to vinculin at sites of cell-cell contact.
Cellular localization	Localized at cell-extracellular matrix junctions. Both isoforms were localized at focal adhesion and cell-cell adhesion sites, vinexin beta was also found in the nucleus.

Images



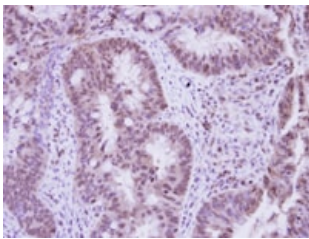
Western blot - Anti-Vinexin antibody (ab126971)

Anti-Vinexin antibody (ab126971) at 1/2000 dilution + IMR32 whole cell lysate at 30 µg

Developed using the ECL technique.

Predicted band size: 75 kDa

10% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vinexin antibody (ab126971)

ab126971, at 1/250 dilution, staining Vinexin in paraffin-embedded Human Colon carcinoma tissue by Immunohistochemistry.

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

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