

Product datasheet

Anti-PCBP2/hnRNP E2 antibody ab95942

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

Overview

Product name	Anti-PCBP2/hnRNP E2 antibody
Description	Rabbit polyclonal to PCBP2/hnRNP E2
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HepG2 whole cell lysate; HeLa cells; 293T, A431, H1299, and Raji cells
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 repeated freeze / thaw cycles.
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 ab95942 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: 39 kDa.
ICC/IF		1/100 - 1/200.

Target

Function

Single-stranded nucleic acid binding protein that binds preferentially to oligo dC. Major cellular poly(rC)-binding protein. Binds also poly(rU). Negatively regulates cellular antiviral responses mediated by MAVS signaling. It acts as an adapter between MAVS and the E3 ubiquitin ligase ITCH, therefore triggering MAVS ubiquitination and degradation.

Tissue specificity

Detected in all tissues examined.

Sequence similarities

Contains 3 KH domains.

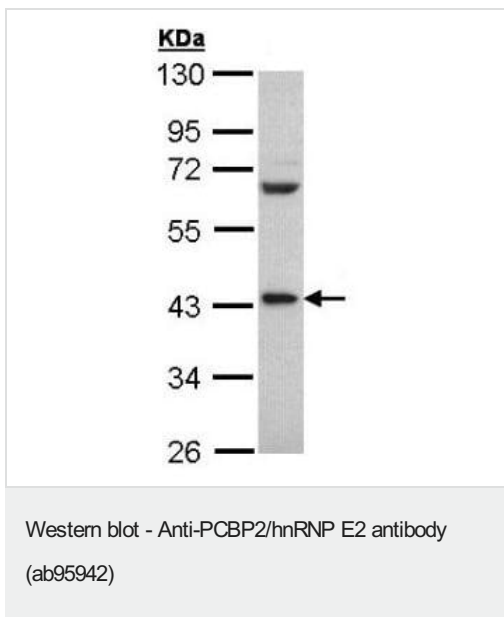
Post-translational modifications

Phosphorylated. The non-phosphorylated form(s) exhibited the strongest poly(rC)-binding activity.

Cellular localization

Nucleus. Cytoplasm. Loosely bound in the nucleus. May shuttle between the nucleus and the cytoplasm.

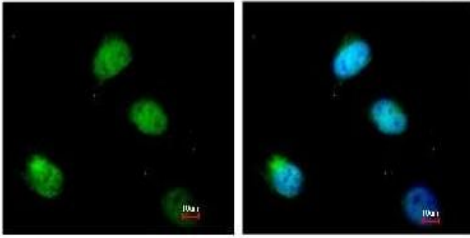
Images



Anti-PCBP2/hnRNP E2 antibody (ab95942) at 1/500 dilution + HepG2 whole cell lysate at 30 µg

Predicted band size: 39 kDa

10% SDS PAGE



ab95942, at 1/200 dilution, staining PCBP2/hnRNP E2 in paraformaldehyde-fixed HeLa cells by Immunofluorescence. Right image is merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-PCBP2/hnRNP E2 antibody (ab95942)

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

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