


Product datasheet

Anti-PCBP1 antibody [EPR11049(B)] ab168377

Recombinant RabMAb

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

Overview

Product name	Anti-PCBP1 antibody [EPR11049(B)]
Description	Rabbit monoclonal [EPR11049(B)] to PCBP1
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide corresponding to Human PCBP1.
Positive control	HeLa, HepG2, K562 and 293T cell lysates.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR11049(B)
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab168377 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		1/1000 - 1/10000. Predicted molecular weight: 37 kDa.
IP		1/10 - 1/100.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Target

Function Single-stranded nucleic acid binding protein that binds preferentially to oligo dC.

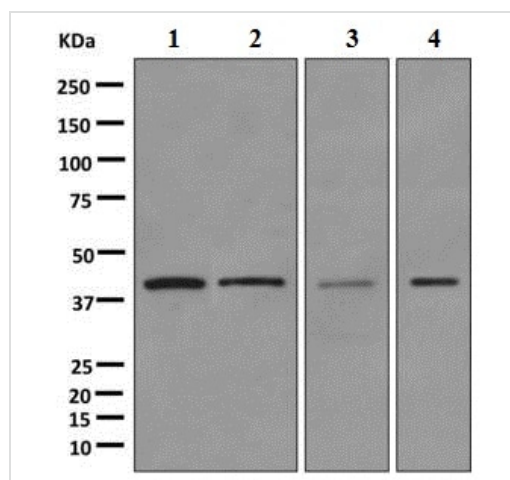
Tissue specificity Abundantly expressed in skeletal muscle, thymus and peripheral blood leukocytes while a lower expression is observed in prostate, spleen, testis, ovary, small intestine, heart, liver, adrenal and thyroid glands.

Sequence similarities Contains 3 KH domains.

Post-translational modifications Phosphorylated; lowers poly(rC)-binding activity.

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

Images



All lanes : Anti-PCBP1 antibody [EPR11049(B)] (ab168377) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : HepG2 lysate

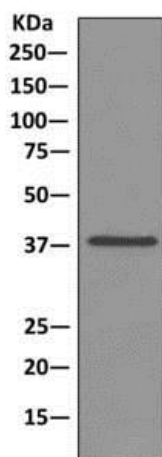
Lane 3 : K562 cell lysate

Lane 4 : 293T cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 37 kDa

Western blot - Anti-PCBP1 antibody [EPR11049(B)]
(ab168377)



Western blot analysis on HeLa cell lysate pellet immunoprecipitated using ab168377 at a 1/10 dilution, and an HRP-conjugated anti-rabbit IgG.

Immunoprecipitation - Anti-PCBP1 antibody
[EPR11049(B)] (ab168377)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-PCBP1 antibody [EPR11049(B)] (ab168377)

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

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