



[Go to Product page](#)

Datasheet for ABIN6264064

## anti-PCBP2 antibody (Internal Region)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	PCBP2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCBP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	A synthesized peptide derived from human PCBP2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	PCBP2 Antibody detects endogenous levels of total PCBP2.
Predicted Reactivity:	Pig,Bovine,Horse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

#### Target Details

Target:	PCBP2
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## Target Details

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Alternative Name:	PCBP2 ( <a href="#">PCBP2 Products</a> )
Background:	<p>Description: 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 (PubMed:19881509). It acts as an adapter between MAVS and the E3 ubiquitin ligase ITCH, therefore triggering MAVS ubiquitination and degradation (PubMed:19881509).</p> <p>Gene: PCBP2</p>
Molecular Weight:	39kDa
Gene ID:	5094
UniProt:	<a href="#">Q15366</a>

## Application Details

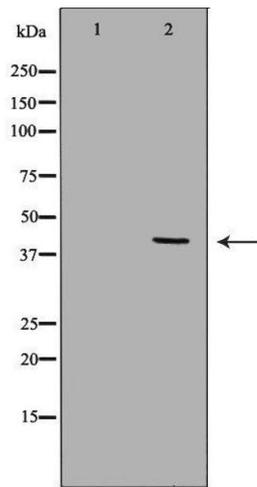
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Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

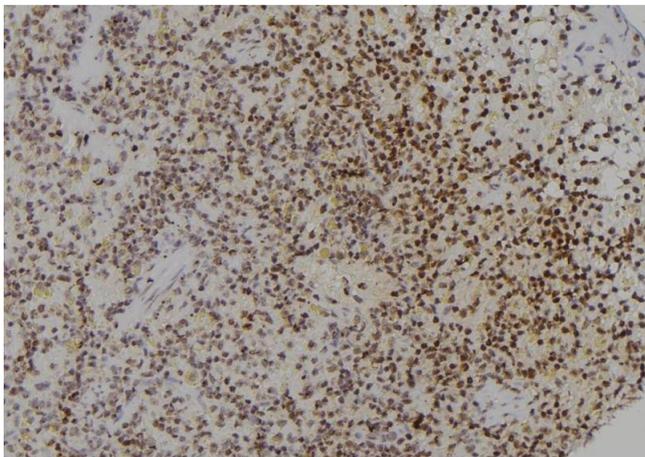
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Western Blotting

**Image 1.** Western blot analysis of extracts of HeLa, using PCBP2 antibody. The lane on the left is treated with the antigen-specific peptide.



### Immunohistochemistry

**Image 2.** ABIN6277250 at 1/100 staining Rat spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary