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Datasheet for ABIN6991835  
**anti-PRKCDBP antibody (AA 150-200)**

### Overview

Quantity:	0.1 mg
Target:	PRKCDBP
Binding Specificity:	AA 150-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKCDBP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Rabbit polyclonal PRKCDBP antibody was raised against an 17 amino acid peptide near the center of human PRKCDBP. The immunogen is located within amino acids 150 - 200 of PRKCDBP.
Isotype:	IgG
Specificity:	It is predicted to not cross-react with other members of the cavin family.
Purification:	PRKCDBP Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	PRKCDBP
Alternative Name:	PRKCDBP ( <a href="#">PRKCDBP Products</a> )

## Target Details

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**Background:** PRKCDBP Antibody: The protein kinase C delta (PKC- $\delta$ ) binding protein (PRKCDBP), also known as cavin-3, is a member of the cavin family of proteins that are involved in caveolin formation and regulation. PRKCDBP was initially identified in a screen of cultured cell lines for proteins that were strongly induced by serum starvation. Studies indicate that PRKCDBP binds not only to PKC- $\delta$ , but also to caveolin-1 and helps regulate caveolin traffic and function. Similar to other members of the cavin family, the expression of PRKCDBP was found to be down-regulated in various cancer cell lines, suggesting a possible tumor suppressor function of PRKCDBP.

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**Molecular Weight:** 29 kDa

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**Gene ID:** 112464

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**NCBI Accession:** [NP\\_659477](#)

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**UniProt:** [Q969G5](#)

## Application Details

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**Application Notes:** PRKCDBP antibody can be used for detection of PRKCDBP by Western blot at 1 - 2  $\mu$ g/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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**Buffer:** PRKCDBP Antibody is supplied in PBS containing 0.02 % sodium azide.

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**Preservative:** Sodium azide

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**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** -20 °C, 4 °C

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**Storage Comment:** PRKCDBP antibody can be stored at 4°C for three months and -20°C, stable for up to one year.