

Anti-PRKCDBP CAVIN3 Antibody

Catalog Number: A32244

About PRKCDBP

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.

Overview

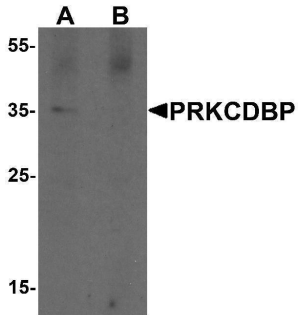
Product Name	Anti-PRKCDBP CAVIN3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-PRKCDBP CAVIN3 Antibody (Catalog # A32244). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	PRKCDBP Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	PRKCDBP antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q969G5

Technical Details

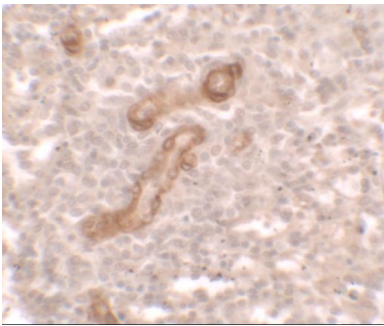
Immunogen	Rabbit polyclonal PRKCDBP antibody was raised against an 17 amino acid peptide near the center of human PRKCDBP. The immunogen is located within amino acids 150 - 200 of PRKCDBP.
Predicted Reactive Species	Rat
Cross Reactivity	It is predicted to not cross-react with other members of the cavin family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PRKCDBP Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PRKCDBP antibody can be used for detection of PRKCDBP by Western blot at 1 - 2 ug/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. Optimal dilutions for each application should be determined by the researcher.

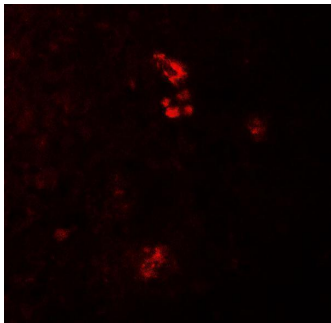
Anti-PRKCDBP CAVIN3 Antibody (A32244) Images



Western blot analysis of PRKCDBP in A20 cell lysate with PRKCDBP antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of PRKCDBP in human spleen tissue with PRKCDBP antibody at 2.5 ug/ml.



Immunofluorescence of PRKCDBP in human spleen tissue with PRKCDBP antibody at 20 ug/ml.

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Anti-PRKCDBP CAVIN3 Antibody

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