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Product datasheet for TA320081

CAVIN3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal PRKCDBP antibody was raised against an 17 amino acid peptide near the center of human PRKCDBP.
Formulation:	PRKCDBP Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	PRKCDBP Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	protein kinase C delta binding protein
Database Link:	NP_659477 Entrez Gene 109042 MouseEntrez Gene 112464 Human Q969G5
Background:	PRKCDBP Antibody: The protein kinase C delta (PKC-δ) 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-δ 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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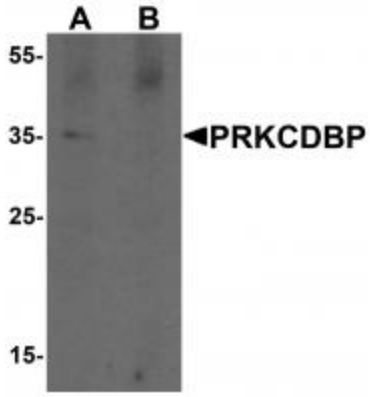
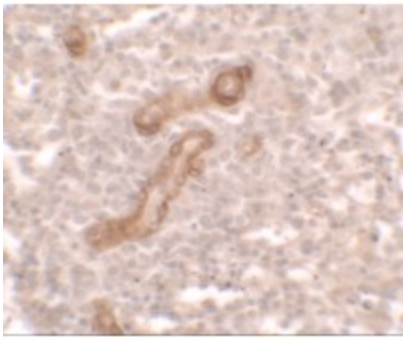
Synonyms: cavin-3; CAVIN3; HSRBC; SRBC

Protein Families: Druggable Genome

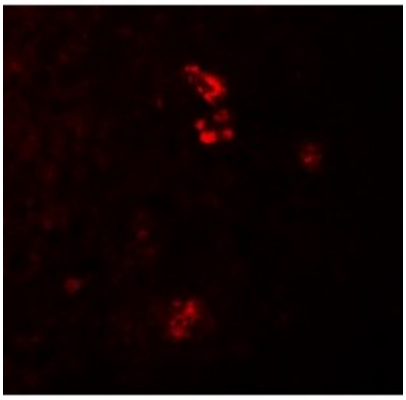
Product images:



Western blot analysis of PRKCDBP in A20 cell lysate with PRKCDBP antibody at 1 ??g/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.