

Product datasheet for **TA319748**

CAVIN2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal SDPR antibody was raised against an 18 amino acid peptide near the amino terminus of human SDPR.
Formulation:	SDPR Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	SDPR 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:	47 kDa
Gene Name:	serum deprivation response
Database Link:	NP_004648 Entrez Gene 8436 Human O95810

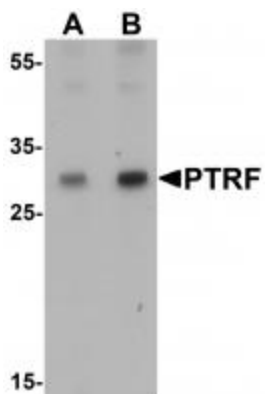
Background: SDPR Antibody: The serum deprivation-response protein (SDPR) is a calcium-independent phospholipid-binding protein whose expression is increased in serum-starved cells. SDPR is a substrate for protein kinase C (PKC) phosphorylation and recruits the polymerase I and transcript release factor (PTRF) to caveolae. Removal of this protein causes caveolae loss and its over-expression results in caveolae deformation and membrane tubulation. Both SDPR and PTRF, as well as the other member of the cavin family PRKCDBP were down regulated in breast cancer cell lines and breast tumor tissue, suggesting that expression of the cavin family proteins could be a useful prognostic indicator of breast cancer progression.



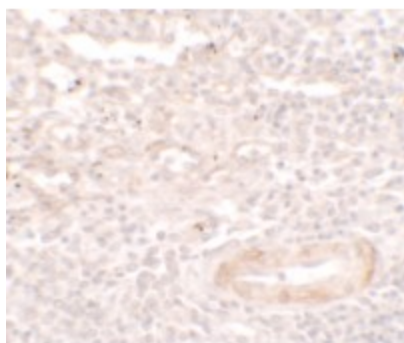
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Synonyms: cavin-2; CAVIN2; PS-p68; SDR

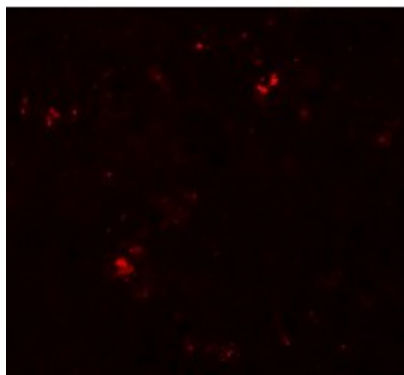
Product images:



Western blot analysis of SDPR in HeLa cell lysate with SDPR antibody at (A) 1 and (B) 2 ug/mL



Immunohistochemistry of SDPR in spleen tissue with SDPR antibody at 5 ug/mL.



Immunofluorescence of SDPR in human spleen tissue with SDPR antibody at 20 ug/mL.