

SDPR Polyclonal Antibody

Catalog NumberPA5-34521

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	5 µg/mL
Type	Antibody	Western Blot (WB)	1-2 µg/mL
Immunogen	An 18 amino acid peptide near the amino terminus of human SDPR	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is Hela cell lysate. PA5-34521 can be used with blocking peptide PEP-1564.

Background/Target Information

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.

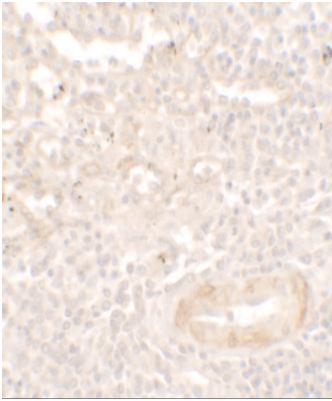
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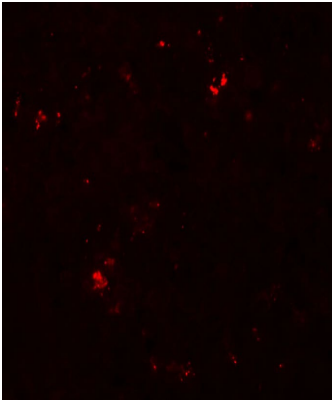
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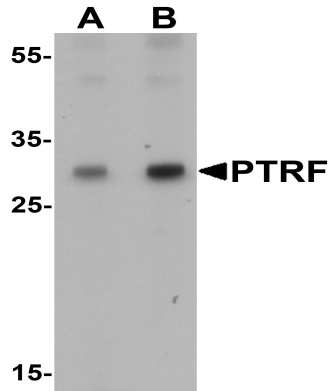
Product Images For SDPR Polyclonal Antibody



SDPR Antibody (PA5-34521) in IHC
Immunohistochemistry of SDPR in human spleen tissue with SDPR Polyclonal Antibody (Product # PA5-34521) at 5 µg/mL.



SDPR Antibody (PA5-34521) in IHC
Immunofluorescence of SDPR in human spleen tissue with SDPR Polyclonal Antibody (Product # PA5-34521) at 20 µg/mL.



SDPR Antibody (PA5-34521) in WB
Western Blot analysis of SDPR in HeLa cell lysate with SDPR Polyclonal Antibody (Product # PA5-34521) at (A) 1 and (B) 2 µg/mL

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