



SDPR rabbit pAb

Catalog No	BYab-24883
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	SDPR
Protein Name	SDPR
Immunogen	Synthesized peptide derived from human SDPR AA range: 129-179
Specificity	This antibody detects endogenous levels of SDPR at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm, cytosol . Membrane, caveola . Localizes in the caveolae in a caveolin-dependent manner. .
Tissue Specificity	Highly expressed in heart and lung, and expressed at lower levels in brain, kidney, liver, pancreas, placenta, and skeletal muscle.
Function	function:May play a role in targeting PRKCA to caveolae.,induction:Up-regulated in asynchronously growing fibroblasts following serum deprivation but not following contact inhibition. Down-regulated during synchronous cell cycle re-entry.,miscellaneous:Binds phosphatidylserine (PS) in a calcium-independent manner. PS-binding is inhibited by phosphotidic acid and phosphatidylinositol. Does not bind phosphatidylcholine.,PTM:Phosphorylated on Ser residues.,PTM:The N-terminus is blocked.,similarity:Belongs to the PTRF/SDPR family.,subcellular location:Colocalizes with CAV1 to caveolae.,subunit:Binds to PRKCA in the presence of phosphatidylserine (By similarity). Interacts with MURC; this augments the transactivation of NPPA by MURC.,tissue specificity:Highly expressed in heart and lung, and expressed at lower levels in

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brain, kidney, liver, pancreas, placenta, and skeletal muscle.,

Background

This gene encodes a calcium-independent phospholipid-binding protein whose expression increases in serum-starved cells. This protein is a substrate for protein kinase C (PKC) phosphorylation and recruits 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.[provided by RefSeq, Sep 2009],

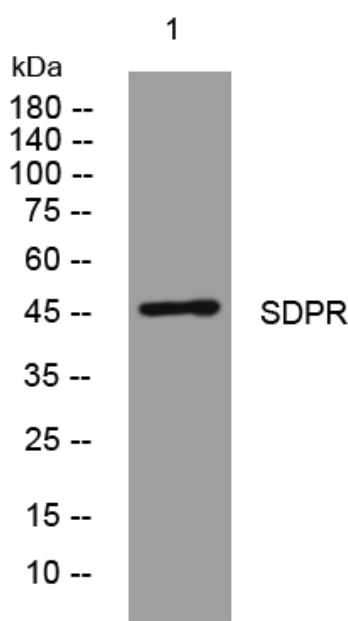
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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