Datasheet for ABIN954696

anti-SDPR antibody (Middle Region)

3 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	SDPR
Binding Specificity:	AA 115-145, Middle Region
Reactivity:	Human, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 115~145 amino acids from the Central region of Human SDR. Genename: SDPR
Isotype:	Ig Fraction
Specificity:	Recognizes SDR (Center).
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	SDPR
Alternative Name:	SDPR (SDPR Products)
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)

Target Details

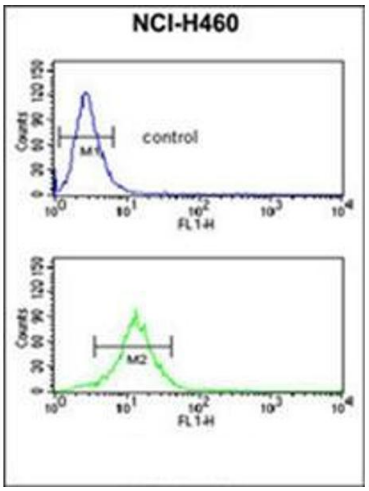
	phosphorylation and recruits polymerase I and transcript release factor (PTRF) to caveolae. Removal of this protein causes caveolae loss and its over-expression results in caveolae deformation and membrane tubulation.Synonyms: Cavin-2, PS-p68, Phosphatidylserine-binding protein, Serum deprivation-response protein
Gene ID:	8436
NCBI Accession:	NP_004648

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

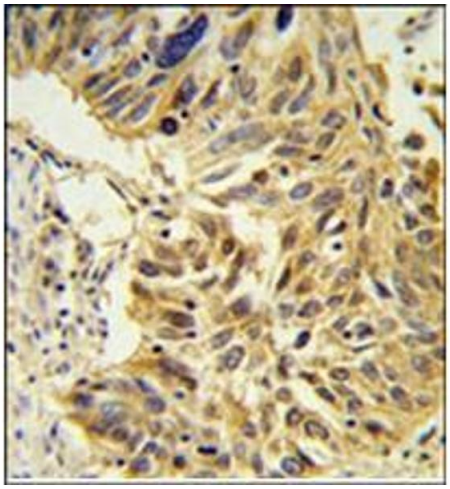
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



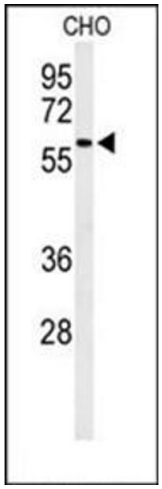
Flow Cytometry

Image 1. Flow Cytometric analysis of NCI-H460 cells using SDR Antibody (Center) Cat.-No AP53824PU-N (Bottom histogram) compared to a negative control cell (Top histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded lung carcinoma stained with SDR Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SDR Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 3. Western blot analysis of SDR Antibody (Center) Cat.-No AP53824PU-N in CHO cell line lysates (35 µg/lane). SDR (arrow) was detected using the purified Pab.