

Datasheet for ABIN653890
anti-SDPR antibody (AA 109-135)

3 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	SDPR
Binding Specificity:	AA 109-135
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SDPR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This SDR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-135 amino acids from the Central region of human SDR.
Clone:	RB15464
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SDPR
Alternative Name:	SDR (SDPR Products)

Target Details

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.

Molecular Weight: 47173

Gene ID: 8436

NCBI Accession: [NP_004648](#)

UniProt: [O95810](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

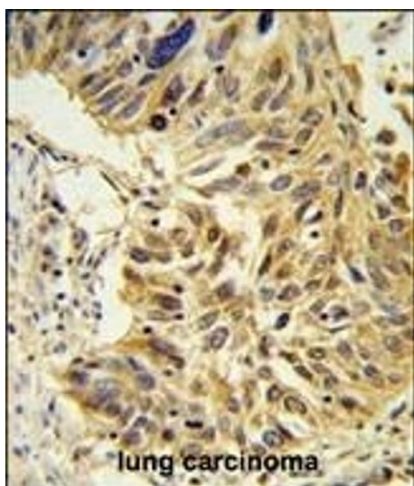
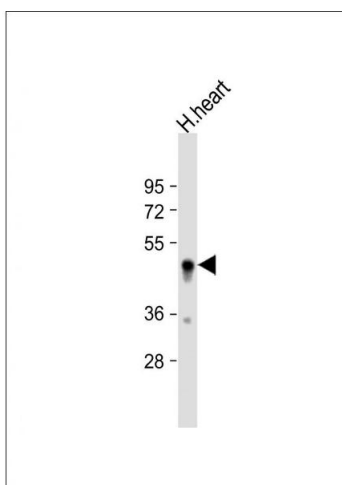
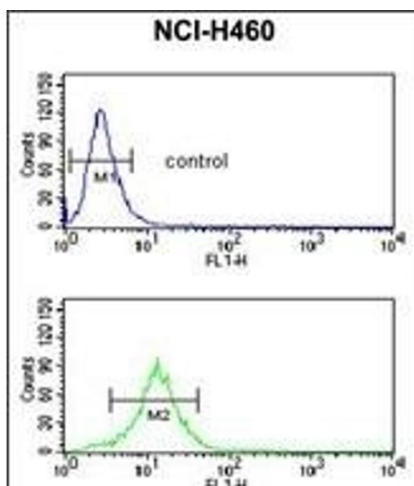
Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Bernardi, Williams, Inoue, Schultz, Tsai: "A deubiquitinase negatively regulates retro-translocation of nonubiquitinated substrates." in: **Molecular biology of the cell**, Vol. 24, Issue 22, pp. 3545-56, (2013) ([PubMed](#)).



Flow Cytometry

Image 1. SDR Antibody (Center) (ABIN653890 and ABIN2843136) flow cytometric analysis of NCI- cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Anti-SDR Antibody (Center) at 1:1000 dilution + human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. SDR Antibody (Center) (ABIN653890 and ABIN2843136) IHC analysis in formalin fixed and paraffin embedded lung carcinoma 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.