

## Rabbit SDR Polyclonal Antibody | anti-SDPR antibody

SDR Antibody (Center)

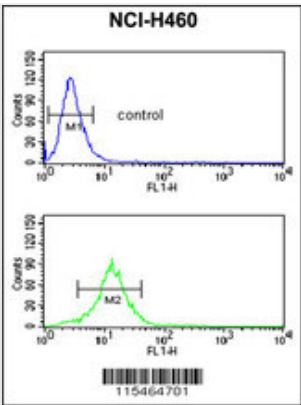
| CATALOG # | HOST   | REACTIVITY     | APPLICATIONS                                                                |
|-----------|--------|----------------|-----------------------------------------------------------------------------|
| AAA289677 | Rabbit | Human, hamster | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

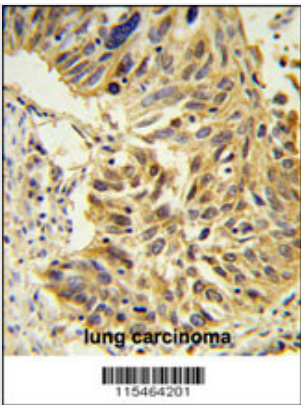
SDR; Polyclonal Antibody; SDR Antibody (Center); Serum deprivation-response protein; Cavin-2; PS-p68; Phosphatidylserine-binding protein; SDPR {ECO:0000312|EMBL:AAD177951}; anti-SDPR antibody

### PRODUCT SPECIFICATIONS

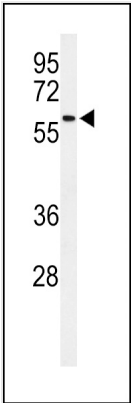
|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human, hamster                                                                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                    | 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.                           |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                             | 109-135                                                                                                                                                                                   |
| Sequence Length                                | 425                                                                                                                                                                                       |
| Applicable Applications for anti-SDPR antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                           |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |



**FCM/FACS (Flow Cytometry)**  
SDR Antibody (Center) flow cytometric analysis of NCI-H460 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemistry)**  
SDR Antibody (Center) 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.



**WB (Western Blot)**  
Western blot analysis of SDR Antibody (Center) in CHO cell line lysates (35ug/lane). SDR (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SDPR antibody | 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. |
| Product Categories/Family for anti-SDPR antibody   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                      |
| References                                         | Baig, A., et al. Proteomics 9(17):4254-4258(2009)<br>Hansen, C.G., et al. Nat. Cell Biol. 11(7):807-814(2009)<br>Ogata, T., et al. Mol. Cell. Biol. 28(10):3424-3436(2008)                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 4759082     |
| NCBI GeneID               | 8436        |
| NCBI Accession #          | NP_004648.1 |
| NCBI GenBank Nucleotide # | NM_004657.5 |
| UniProt Accession #       | O95810      |

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| <b>Molecular Weight</b>                 | 47173                              |
| <b>NCBI Official Full Name</b>          | serum deprivation-response protein |
| <b>NCBI Official Synonym Full Names</b> | serum deprivation response         |
| <b>NCBI Official Symbol</b>             | SDPR                               |
| <b>NCBI Official Synonym Symbols</b>    | SDR; CAVIN2; PS-p68; cavin-2       |
| <b>NCBI Protein Information</b>         | serum deprivation-response protein |
| <b>UniProt Protein Name</b>             | Serum deprivation-response protein |
| <b>UniProt Gene Name</b>                | <b>SDPR</b>                        |
| <b>UniProt Entry Name</b>               | SDPR_HUMAN                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/sdr-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289677>