

## SCP2 recombinant antibody

Recombinant Anti-SCP2 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA266359 | Rabbit | Human      | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

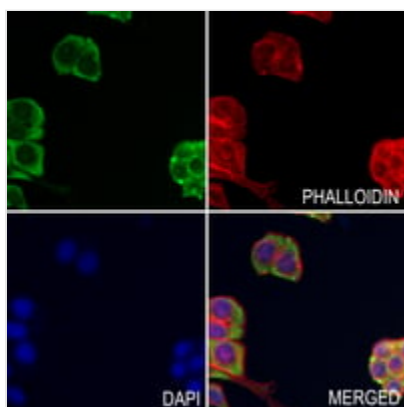
### PRODUCT SYNONYMS

SCP2; Monoclonal Recombinant Antibody; Recombinant Anti-SCP2 Rabbit mAb; Non-specific lipid-transfer protein; NSL-TP; Propanoyl-CoA C-acyltransferase; SCP-chi; SCPX; Sterol carrier protein 2; SCP-2; Sterol carrier protein X; SCP-X; SCP2 recombinant antibody

### PRODUCT SPECIFICATIONS

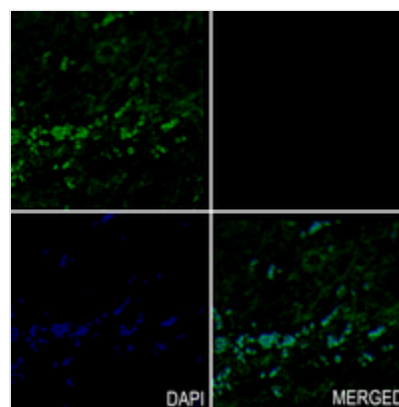
|                                                       |                                                                                                                |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                                         |
| Reactivity                                            | Human                                                                                                          |
| Clonality                                             | Monoclonal                                                                                                     |
| Specificity                                           | Recognizes endogenous levels of SCP2 protein                                                                   |
| Purity/Purification                                   | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                           | Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                |
| Applicable Applications for SCP2 recombinant antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)              |
| Immunogen                                             | KLH-conjugated synthetic peptide encompassing a sequence within human SCP2. The exact sequence is proprietary. |
| Preparation and Storage                               | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



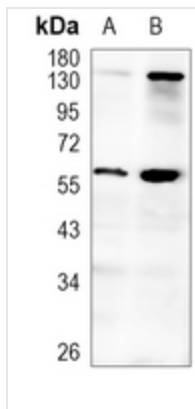
#### IF (Immunofluorescence)

Immunofluorescent analysis of SCP2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of SCP2 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).



#### WB (Western Blot)

Western blot analysis of SCP2 expression in HEK293T (A), THP1 (B) whole cell lysates.  
(Predicted band size: 58 kD; Observed band size: 58 kD)

### ADDITIONAL INFORMATION

|                                                           |                                                |
|-----------------------------------------------------------|------------------------------------------------|
| Related Product Information for SCP2 recombinant antibody | Recombinant rabbit monoclonal antibody to SCP2 |
| Product Categories/Family for SCP2 recombinant antibody   | Primary Antibody                               |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 263551                                                                                         |
| NCBI GeneID                      | 6342                                                                                           |
| UniProt Accession #              | P22307; Q15432; Q16622; Q5VVZ1; Q6NXF4; A6NM69; B4DGJ9; B4DHP6; C9JC79; D3DQ37; E1B6W5; F2Z3J1 |
| Molecular Weight                 | 58,994 Da                                                                                      |
| NCBI Official Full Name          | sterol carrier protein 2                                                                       |
| NCBI Official Synonym Full Names | sterol carrier protein 2                                                                       |
| NCBI Official Symbol             | SCP2                                                                                           |
| NCBI Official Synonym Symbols    | NLTP; SCPX; SCP-2; SCP-X; NSL-TP; SCP-CHI                                                      |
| NCBI Protein Information         | non-specific lipid-transfer protein; sterol carrier protein X; propanoyl-CoA C-acyltransferase |
| UniProt Protein Name             | Non-specific lipid-transfer protein                                                            |
| UniProt Gene Name                | SCP2                                                                                           |
| UniProt Synonym Gene Names       | NSL-TP; SCP-2; SCP-X                                                                           |
| UniProt Entry Name               | NLTP_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/scp2-recombinant-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/266359>