

Rabbit anti-Human SDPR/Cavin-2 Monoclonal Antibody | anti-CAVIN2 antibody

SDPR/Cavin-2 Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28574	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

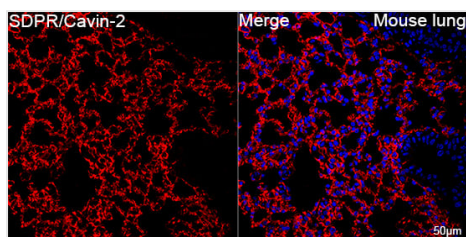
PRODUCT SYNONYMS

SDPR/Cavin-2; Monoclonal Antibody; SDPR/Cavin-2 Rabbit PolymAb; SDR; SDPR; PS-p68; cavin-2; anti-CAVIN2 antibody

PRODUCT SPECIFICATIONS

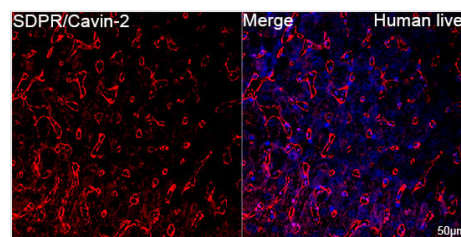
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	EDLPSSSEQMP NDQEEESFAE GHSEASLASA LVEGEIAEEA AEKATSRGSN SGMDSNIDLT IVEDEEEESV ALEQAQKVRY EGSYALTSEE AERSDGDVPVQ PAVLQVHQTS
Applicable Applications for anti-CAVIN2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:5000-1:30000 IHC-P: 1:4000-1:40000 IF/ICC: 1:3200-1:12800 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 326-425 of human SDPR/Cavin-2 (NP_004648.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



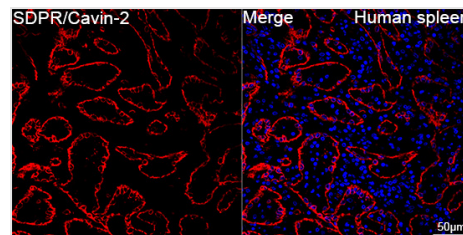
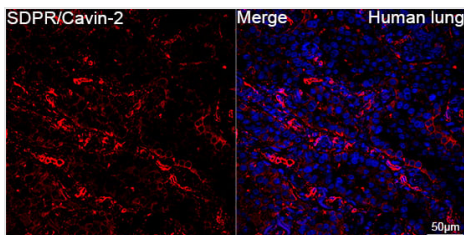
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse lung tissue using SDPR/Cavin-2 Rabbit PolymAb® (A25509-PM, dilution 1:3200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.



ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Human liver tissue using SDPR/Cavin-2 Rabbit PolymAb® (A25509-PM, dilution 1:3200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.

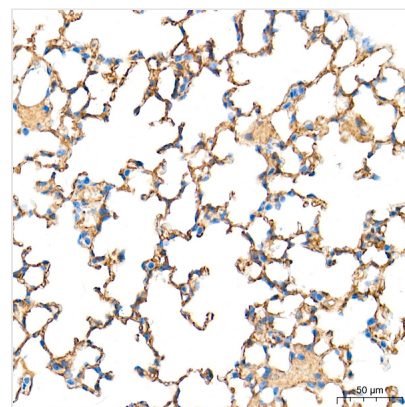
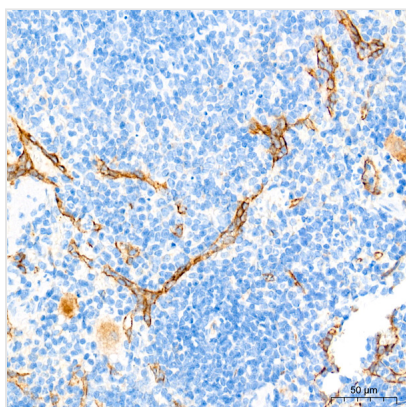


ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Human lung tissue using SDPR/Cavin-2 Rabbit PolymAb® (A25509-PM, dilution 1:3200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.

ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Human spleen tissue using SDPR/Cavin-2 Rabbit PolymAb® (A25509-PM, dilution 1:3200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using SDPR/Cavin-2 Rabbit PolymAb® (AAA28574) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using SDPR/Cavin-2 Rabbit PolymAb® (AAA28574) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CAVIN2 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-CAVIN2 antibody	Signal Transduction ; Kinase ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759082
NCBI GeneID	8436
NCBI Accession #	NP_004648
NCBI GenBank Nucleotide #	NM_004657.5
UniProt Accession #	O95810
Molecular Weight	Calculated MW: 47kDa Observed MW: 68kDa
UniProt Protein Name	Serum deprivation-response protein
UniProt Gene Name	SDPR
UniProt Entry Name	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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/sdpr-cavin-2-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28574>