

Rabbit anti-Human CAV2 Polyclonal Antibody | anti-CAV2 antibody

CAV2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232419	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

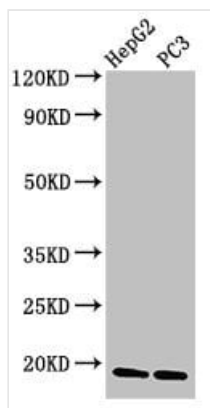
PRODUCT SYNONYMS

CAV2; Polyclonal Antibody; CAV2 Antibody; Caveolin-2; anti-CAV2 antibody

PRODUCT SPECIFICATIONS

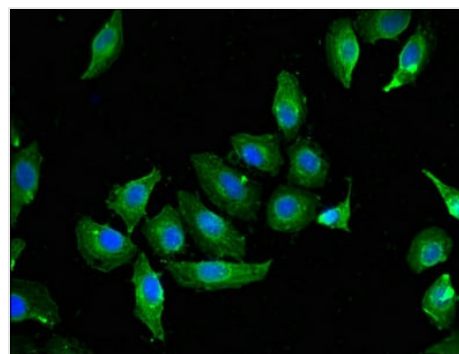
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	149
Applicable Applications for anti-CAV2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Caveolin-2 protein (3-64AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1858 / sc-30754 / sc-30755 / sc-7942
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



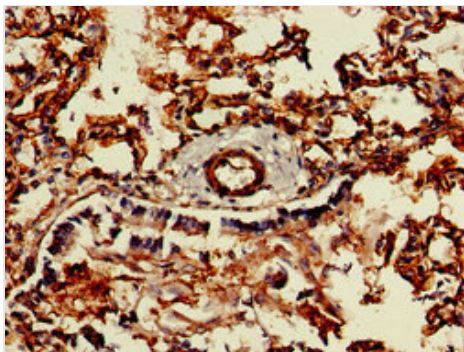
WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate, PC3 whole cell lysate. All lanes: CAV2 antibody at 3ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 19, 17, 13 KDa. Observed band size: 19 KDa.



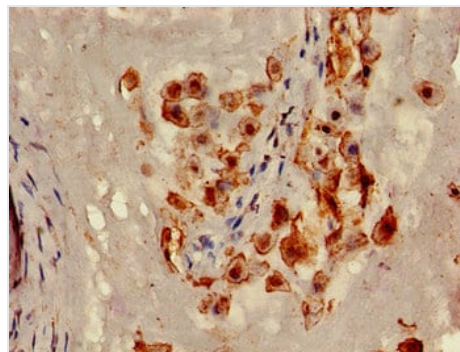
IHC (Immunohistochemistry)

Immunofluorescent analysis of A549 cells using AAA232419 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA232419 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA232419 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CAV2 antibody

May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. Acts as an accessory protein in conjunction with CAV1 in targeting to lipid rafts and driving caveolae formation. The Ser-36 phosphorylated form has a role in modulating mitosis in endothelial cells. Positive regulator of cellular mitogenesis of the MAPK signaling pathway. Required for the insulin-stimulated nuclear translocation and activation of MAPK1 and STAT3, and the subsequent regulation of cell cycle progression (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	332164664
NCBI GeneID	858
NCBI Accession #	NP_001193676.1
NCBI GenBank Nucleotide #	NM_001206747.1
UniProt Accession #	P51636; Q9UGM7; A4D0U2
Molecular Weight	12,780 Da
NCBI Official Full Name	caveolin-2 isoform b
NCBI Official Synonym Full Names	caveolin 2
NCBI Official Symbol	CAV2
NCBI Official Synonym Symbols	CAV
NCBI Protein Information	caveolin-2
UniProt Protein Name	Caveolin-2
UniProt Gene Name	CAV2
UniProt Entry Name	CAV2_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

Online datasheet: <https://www.aaabiotech.com/polyclonal/cav2-antibody-immunofluorescence-immunohistochemistry-elisa/232419>