

Rabbit Caveolin-2 Polyclonal Antibody | anti-CAV2 antibody

Anti-Caveolin-2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45177	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

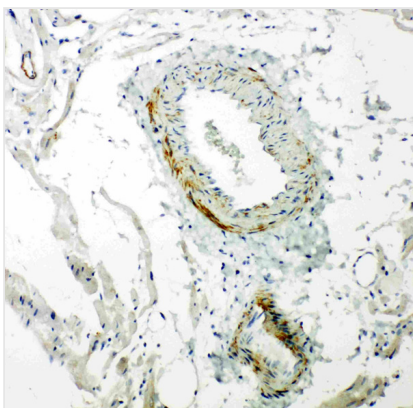
PRODUCT SYNONYMS

Caveolin-2; Polyclonal Antibody; Anti-Caveolin-2 antibody; caveolin 2; CAV antibody; CAV2 antibody; CAV2_HUMAN antibody; Caveolae protein 20 kD antibody; Caveolin 2 antibody; Caveolin 2 isoform a and b antibody; Caveolin-2 antibody; MGC12294 antibody; OTTHUMP00000025032 antibody; OTTHUMP00000195982 antibody; anti-CAV2 antibody

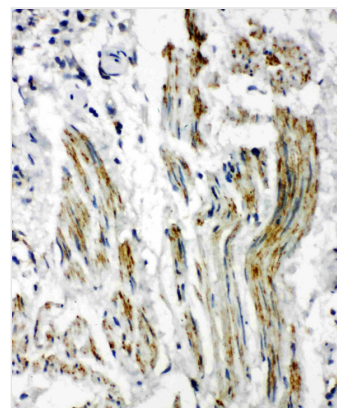
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	162
Applicable Applications for anti-CAV2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Caveolin-2 (1-17aa MGLETEKADVQLFMDDD), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

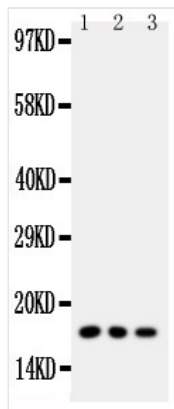
IMAGES



IHC (Immunohistochemistry)
Anti-Caveolin-2 antibody, AAA45177, IHC(P)IHC(P): Rat Cardiac Muscle Tissue

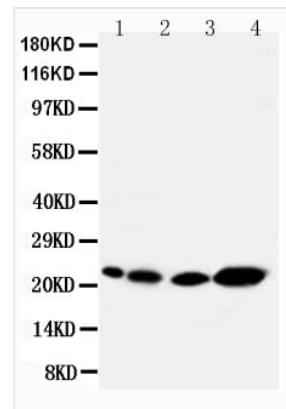


IHC (Immunohistochemistry)
Anti-Caveolin-2 antibody, AAA45177, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti-Caveolin-2 antibody, AAA45177, Western blottingAll lanes: Anti Caveolin-2 (AAA45177) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: SMMC Whole Cell Lysate at 40ugLane 3: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 17KDObserved bind size: 17KD



WB (Western Blot)

Anti-Caveolin-2 antibody, AAA45177, Western blottingLane 1: Rat Heart Tissue LysateLane 2: Rat lung Tissue LysateLane 3: HELA Cell LysateLane 4: A431 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CAV2 antibody

Description: Rabbit IgG polyclonal antibody for Caveolin-2(CAV2) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: Caveolin-2 is a protein related to caveolin-1 which is derived caveolin-enriched membranes. CAV2 and CAV1 are similar in most respects and they differ in their functional interactions with heterotrimeric G proteins. Caveolin-1 and caveolin-2 are expressed in neuronal cells. Caveolin-2 was upregulated in response to neuronal cell injury. The CAV2 gene is mapped to 7q31.1-q31.2. The CAV1 gene contains 3 exons, while the human CAV2 gene contains 2 exons. The boundary of the last exon of CAV1 and CAV2 are analogous, suggesting that they arose through gene duplication. The genes encoding murine caveolin-1 and -2 are colocalized within the A2 region of mouse chromosome 6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5915890
NCBI GeneID	858
UniProt Accession #	P51636; Q9UGM7; A4D0U2
Molecular Weight	12,780 Da
NCBI Official Full Name	Caveolin-2
NCBI Official Synonym Full Names	caveolin 2
NCBI Official Symbol	CAV2
NCBI Official Synonym Symbols	CAV
NCBI Protein Information	caveolin-2; caveolae protein, 20-kD; caveolin 2 isoform a and b
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://stage.aaabiotech.com/polyclonal/caveolin-2-antibody-immunohistochemistry-western-blot-elisa/45177>