

Rabbit Caveolin-2 Polyclonal Antibody | anti-CAV2 antibody

Anti-Caveolin-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46065	Rabbit	Human, Mouse. No cross reactivity with other proteins.	Immunohistochemistry, Immunohistochemistry, Western Blot

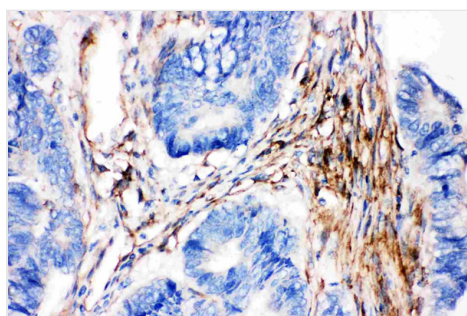
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

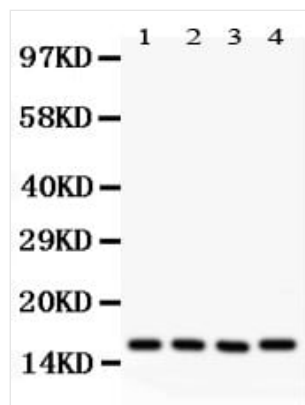
Host	Rabbit
Reactivity	Human, Mouse. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	149
Applicable Applications for anti-CAV2 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human Caveolin-2 recombinant protein (Position: M1-D162). Human Caveolin-2 shares 90% and 89% amino acid (aa) sequences identity with mouse and rat Caveolin-2, respectively.
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



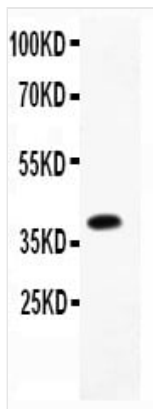
IHC (Immunohistochemisry)

Anti- Caveolin-2 picoband antibody, AAA46065,IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)

Anti- Caveolin-2 picoband antibody, AAA46065, Western blottingAll lanes: Anti Caveolin-2 (AAA46065) at 0.5ug/mlLane 1: Hela Whole Cell Lysate at 40ugLane 2: HT1080 Whole Cell Lysate at 40ugLane 3: Human Placenta Tissue Lysate at 50ugLane 4: A431 Whole Cell Lysate at 40ugPredicted bind size: 17KDObserved bind size: 17KD



WB (Western Blot)

Anti- Caveolin-2 picoband antibody, AAA46065, Western blotting All lanes: Anti Caveolin-2 (AAA46065) at 0.5ug/ml WB: Recombinant Human Caveolin-2 Protein 0.5ng Predicted bind size: 40KD Observed bind size: 40KD

ADDITIONAL INFORMATION

Related Product Information for anti-CAV2 antibody

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

Background: Caveolin-2 is a protein that in humans is encoded by the CAV2 gene. It is mapped to 7q31.1-q31.2. The protein encoded by this gene is a major component of the inner surface of caveolae, small invaginations of the plasma membrane, and is involved in essential cellular functions, including signal transduction, lipid metabolism, cellular growth control and apoptosis. This protein may function as a tumor suppressor. 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. Both of them are expressed in neuronal cells. Caveolin-2 was upregulated in response to neuronal cell injury.

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; 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.