

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

CAV2 Antibody (N-term)

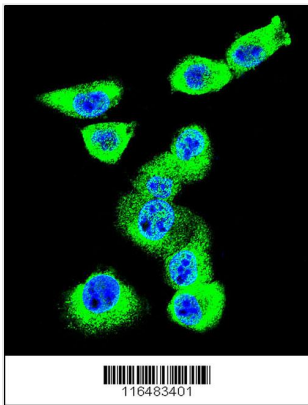
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289214	Rabbit	Human	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

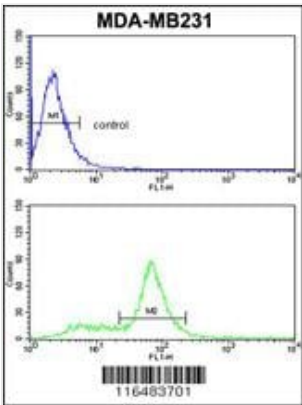
CAV2; Polyclonal Antibody; CAV2 Antibody (N-term); Caveolin-2; anti-CAV2 antibody

PRODUCT SPECIFICATIONS

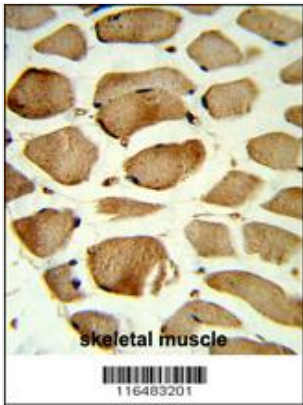
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CAV2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-44 amino acids from the N-terminal region of human CAV2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	11-44
Sequence Length	149
Applicable Applications for anti-CAV2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



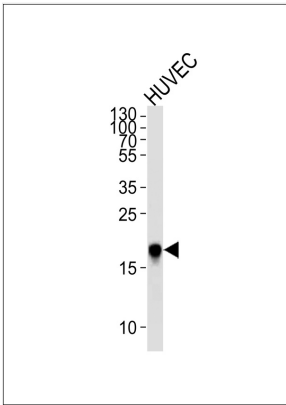
IF (Immunofluorescence)
Confocal immunofluorescent analysis of CAV2 Antibody (N-term) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
CAV2 Antibody (N-term) flow cytometric analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle reacted with CAV2 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from HUVEC cell line, using CAV2 Antibody (N-term). AAA289214 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-CAV2 antibody	CAV2 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.
Product Categories/Family for anti-CAV2 antibody	Crown Antibodies; Cardiovascular; Cell Biology; Immunology; Metabolism; Signal Transduction
References	Murata,M., et.al., Proc. Natl. Acad. Sci. U.S.A. 92 (22), 10339-10343 (1995) Ando,T., et.al., Oncol. Rep. 18 (3), 601-609 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	332164664
NCBI GeneID	858
NCBI Accession #	NP_001193676.1; NP_001193677.1; NP_001224.1; NP_937855.1
NCBI GenBank Nucleotide #	NM_001206747.1
UniProt Accession #	P51636; Q9UGM7; A4D0U2

Molecular Weight	18291
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cav2-antibody-western-blot-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/289214>