

Rabbit CAV2 Polyclonal Antibody | anti-CAV2 antibody

CAV2 antibody - N-terminal region

CATALOG # AAA201698	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	APPLICATIONS Western Blot, Immunohistochemistry
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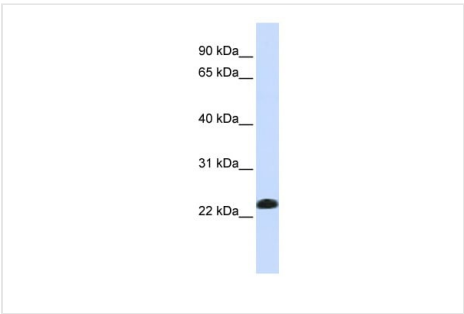
PRODUCT SYNONYMS

CAV2; Polyclonal Antibody; CAV2 antibody - N-terminal region; anti-CAV2 antibody

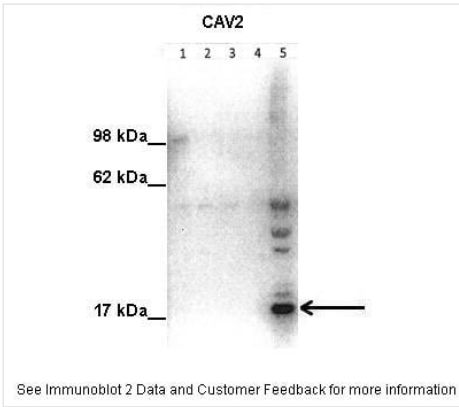
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LV IPYNEKPEKP AKTQKTSLE ALQWRDSLDK LLQNNYGLAS FKSFLKSE
Sequence Length	162
Applicable Applications for anti-CAV2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CAV2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

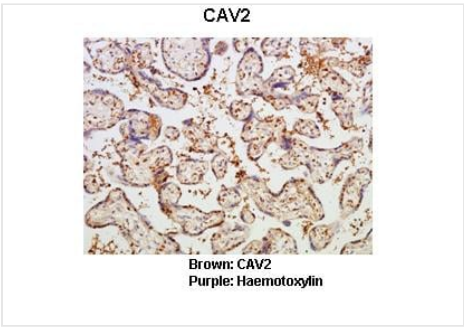
IMAGES



WB (Western Blot)
WB Suggested Anti-CAV2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Lung



WB (Western Blot)
Lanes: Lane1: 50 ug human placental tissue lysate
Lane2: 40 ug human placental tissue lysate
Lane3: 30 ug human placental tissue lysate
Lane4: 20 ug human placental tissue lysate
Lane5: 20 ug human myometrial tissue lysate
Primary Antibody Dilution: 1:500
Secondary Antibody: Goat anti-rabbit HRP
Secondary Antibody Dilution: 1:10000
Gene Name: Caveolin 2
Submitted by: Hiten Mistry, Ania Czajka and Marta Hentschke Ribeiro, King's College London



IHC (Immunohistochemistry)
Sample Type : Human placental tissue
Primary Antibody Dilution : 1:50
Secondary Antibody : Goat anti rabbit-HRP
Secondary Antibody Dilution : 1:10,000
Color/Signal Descriptions : Brown: CAV2
Purple: Haematoxylin
Gene Name : CAV2
Submitted by : Dr. Hiten D. Mistry and Anna Czajka, King's College London; Lesia Kurlak, University of Nottingham

ADDITIONAL INFORMATION

Related Product Information for anti-CAV2 antibody	This is a rabbit polyclonal antibody against CAV2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. CAV1 and CAV2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero-oligomeric complex. Two transcript variants encoding distinct isoforms have been identified for this gene. By using alternative initiation codons in the same reading frame, two isoforms (alpha and beta) are encoded by one transcript. 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. CAV1 and CAV2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero-oligomeric complex. Two transcript variants encoding distinct isoforms have been identified for this gene. By using alternative initiation codons in the same reading frame, two isoforms (alpha and beta) are encoded by one transcript.
Product Categories/Family for anti-CAV2 antibody	Polyclonal; Membrane Protein; Cell Biology; Apoptosis; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557413
NCBI GeneID	858
NCBI Accession #	NP_001224
NCBI GenBank Nucleotide #	NM_001233
UniProt Accession #	P51636
Molecular Weight	18kDa
NCBI Official Full Name	caveolin-2 isoform a
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-western-blot-immunohistochemistry-elisa/201698>