

Rabbit Caveolin-2 Polyclonal Antibody | anti-CAV2 antibody

Caveolin-2 Rabbit pAb

CATALOG # AAA282099	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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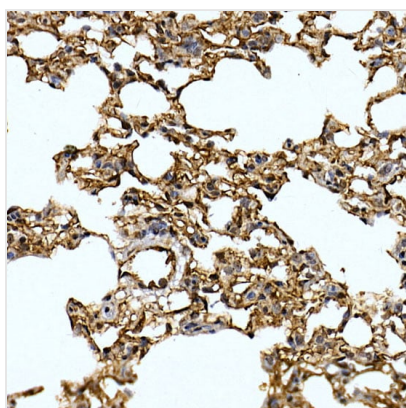
PRODUCT SYNONYMS

Caveolin-2; Polyclonal Antibody; Caveolin-2 Rabbit pAb; CAV; anti-CAV2 antibody

PRODUCT SPECIFICATIONS

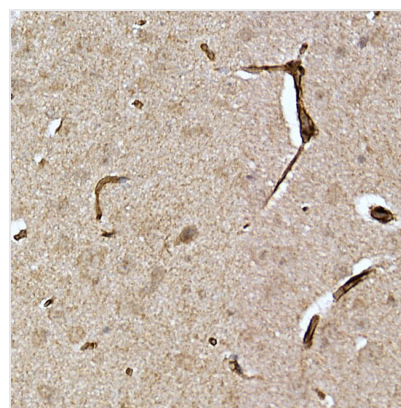
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-CAV2 antibody	WB (Western Blot)
Immunogen	Recombinant protein of human CAV2
Cellular Location	Cell membrane, Cytoplasm, Golgi apparatus membrane, Membrane, Nucleus, Peripheral membrane protein, caveola
Positive Samples	HeLa, Mouse lung
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



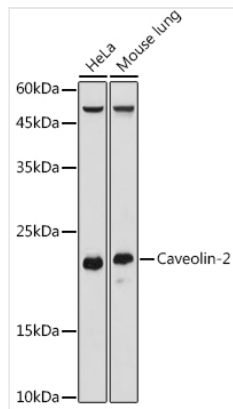
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using Caveolin-2 Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using Caveolin-2 Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Caveolin-2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-CAV2 antibody	Background: 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. This gene and related family member (CAV1) are located next to each other on chromosome 7, and express colocalizing proteins that form a stable hetero-oligomeric complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. Additional isoforms resulting from the use of alternate in-frame translation initiation codons have also been described, and shown to have preferential localization in the cell (PMID:11238462). [provided by RefSeq, May 2011]
Product Categories/Family for anti-CAV2 antibody	Signal Transduction ; ErbB-HER Signaling Pathway ; Research ; Endocrine & Metabolism ; Insulin Receptor Signaling Pathway

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	18,291 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.

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-western-blot-elisa/282099>