

Goat CAV1 / Caveolin 1 Polyclonal Antibody | anti-CAV1 antibody

Goat Polyclonal to Human CAV1 / Caveolin 1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50756	Goat	Gibbon, Chimpanzee, Gorilla, Human, Monkey Predicted Reactivity: Orangutan, Guinea pig (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

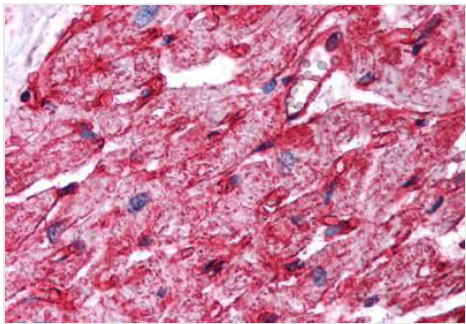
PRODUCT SYNONYMS

CAV1 / Caveolin 1; Polyclonal Antibody; Goat Polyclonal to Human CAV1 / Caveolin 1; Anti-CAV1 / Caveolin 1 Antibody (Internal) IHC-plus; CAV1; Caveolin-1; CGL3; CAV; MSTP085; VIP21; BSCL3; Human CAV1; Caveolin 1; anti-CAV1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey Predicted Reactivity: Orangutan, Guinea pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CAV1 / Caveolin. No cross-reactivity expected to Caveolin 2 and Caveolin 3
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	178
Applicable Applications for anti-CAV1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-DELSEKQVYDAH from an internal region of human CAV1 / Caveolin (NP_001744.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Baboon, Monkey, Marmoset (100%); Orangutan, Guinea pig (92%).
Immunogen Type	Synthetic peptide
Immunogen	CAV1 / Caveolin 1 antibody was raised against synthetic peptide C-DELSEKQVYDAH from an internal region of human CAV1 / Caveolin (NP_001744.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Baboon, Monkey, Marmoset (100%); Orangutan, Guinea pig (92%); Mouse, Rat, Dog, Bat, Hamster, Rabbit, Horse (83%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-CAV1 / Caveolin antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CAV1 antibody	Caveolin 1 (CAV1) is the main component of the caveolae plasma membranes found in most cell types. Caveolin 1 functions as a membrane adaptor to link integrin subunits to the tyrosine kinase FYN, an initiating step in coupling integrins to the Ras-ERK pathway and promoting cell cycle progression. CAV1 may also be a tumor suppressor gene and a negative regulator of the Ras-p42/44 MAP kinase cascade.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15451856
NCBI GeneID	857
NCBI Accession #	NP_001744.2
NCBI GenBank Nucleotide #	NM_001753.4
UniProt Accession #	Q03135; Q9UGP1; Q9UNG1; Q9UQH6
Molecular Weight	17,023 Da
NCBI Official Full Name	caveolin-1 isoform alpha
NCBI Official Synonym Full Names	caveolin 1, caveolae protein, 22kDa
NCBI Official Symbol	CAV1
NCBI Official Synonym Symbols	CGL3; PPH3; BSCL3; LCCNS; VIP21; MSTP085
NCBI Protein Information	caveolin-1; cell growth-inhibiting protein 32
UniProt Protein Name	Caveolin-1
UniProt Gene Name	CAV1
UniProt Synonym Gene Names	CAV
UniProt Entry Name	CAV1_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.