

Rabbit CAV3 Polyclonal Antibody | anti-CAV3 antibody

CAV3 Polyclonal Antibody

CATALOG # AAA280435	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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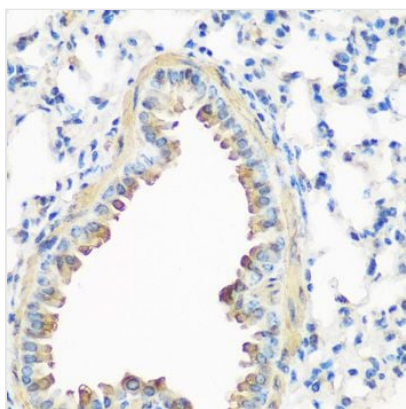
PRODUCT SYNONYMS

CAV3; Polyclonal Antibody; CAV3 Polyclonal Antibody; anti-CAV3 antibody

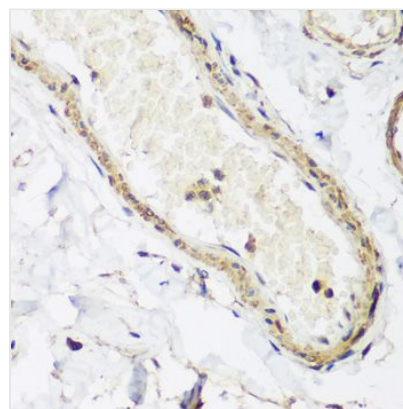
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	151
Applicable Applications for anti-CAV3 antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CAV3
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

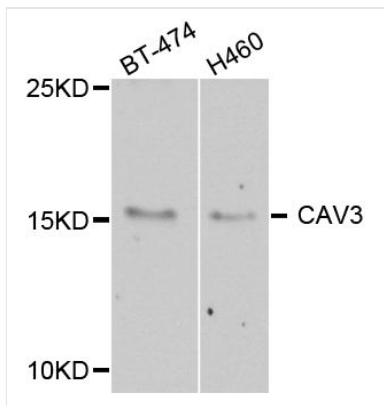
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using CAV3 antibody at dilution of 1:200 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using CAV3 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CAV3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-CAV3 antibody

This gene encodes a caveolin family member, which functions as a component of the caveolae plasma membranes found in most cell types. Caveolin proteins are proposed to be scaffolding proteins for organizing and concentrating certain caveolin-interacting molecules. Mutations identified in this gene lead to interference with protein oligomerization or intra-cellular routing, disrupting caveolae formation and resulting in Limb-Girdle muscular dystrophy type-1C (LGMD-1C), hyperCKemia or rippling muscle disease (RMD). Alternative splicing has been identified for this locus, with inclusion or exclusion of a differentially spliced intron. In addition, transcripts utilize multiple polyA sites and contain two potential translation initiation sites.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502589
NCBI GeneID	859
NCBI Accession #	NP_001225.1
NCBI GenBank Nucleotide #	NM_001234.4
UniProt Accession #	P56539; Q3T1A4; A8K777
Molecular Weight	17kDa
NCBI Official Full Name	caveolin-3
NCBI Official Synonym Full Names	caveolin 3
NCBI Official Symbol	CAV3
NCBI Official Synonym Symbols	LQT9; VIP21; LGMD1C; VIP-21
NCBI Protein Information	caveolin-3
UniProt Protein Name	Caveolin-3
UniProt Gene Name	CAV3
UniProt Entry Name	CAV3_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.