

Rabbit CAVIN1 Polyclonal Antibody | anti-CAVIN1 antibody

CAVIN1 Antibody - middle region

CATALOG # AAA198151	HOST Rabbit	REACTIVITY Mouse, Horse, Rat, Dog, Human, Bovine, Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

CAVIN1; Polyclonal Antibody; CAVIN1 Antibody - middle region; anti-CAVIN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Horse, Rat, Dog, Human, Bovine, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and may contain up to 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SE ALPEKEGDEL GEGERPEDDT AAIELSSDEA VEVVEEVIES RAERIKRS
Sequence Length	392
Applicable Applications for anti-CAVIN1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Mouse: 100%; Dog: 92%; Rat: 92%; Horse: 92%; Human: 90%; Bovine: 85%; Rabbit: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of mouse PTRF
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



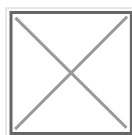
WB (Western Blot)

WB Suggested Anti-PTRF Antibody Titration: 0.625ug/ml
ELISA Titer: 1:312500
Positive Control: NIH/3T3 cell lysate



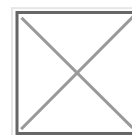
WB (Western Blot)

Lanes: Lane 1: 50ug mouse embryonic fibroblast lysate
Lane 2: 50ug mouse PTRF-KO embryonic fibroblast lysate
Lane 3: 50ug mouse PTRF-KO embryonic fibroblast lysate + DYKDDDDK-PTRF protein
Primary Antibody Dilution: 1:1000
Secondary Antibody: Donkey anti-Rabbit-HRP
Secondary Antibody Dilution: 1:10000
Gene Name: PTRF
Submitted by: Libin Liu, Boston University.



WB (Western Blot)

Host: Rabbit
Target Name: PTRF
Sample Tissue: Mouse Lung
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit
Target Name: PTRF
Sample Tissue: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

IHC Information: Paraffin embedded mouse vessel and adipocytes (skeletal muscle) tissue, tested with an antibody Dilution of 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CAVIN1 antibody	This is a rabbit polyclonal antibody against PTRF. It was validated on Western Blot using a cell lysate as a positive control.
Product Categories/Family for anti-CAVIN1 antibody	Polyclonal ; Transcription Factor ; Signal Proteins ; Transcription Regulation ; Chromatin & Nuclear Signaling ; Disease Related ; DNA/RNA/Protein Interactions ; Immunohistochemistry ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679567
NCBI GeneID	19285
NCBI Accession #	NP_033012
NCBI GenBank Nucleotide #	NM_008986
UniProt Accession #	O54724
Molecular Weight	43kDa
NCBI Official Full Name	caveolae-associated protein 1 isoform 1
NCBI Official Synonym Full Names	caveolae associated 1
NCBI Official Symbol	Cavin1
NCBI Official Synonym Symbols	Ptrf; Cavin; Cav-p60; AW546441; 2310075E07Rik
NCBI Protein Information	caveolae-associated protein 1; polymerase I and transcript release factor
UniProt Protein Name	Polymerase I and transcript release factor
UniProt Gene Name	Ptrf
UniProt Entry Name	PTRF_MOUSE

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://stage.aaabiotech.com/polyclonal/cavin1-antibody-western-blot-immunohistochemistry-elisa/198151>