

Rabbit PTRF Polyclonal Antibody | anti-PTRF antibody

PTRF Polyclonal Antibody

CATALOG # AAA177559	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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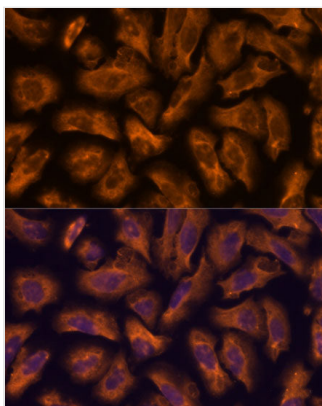
PRODUCT SYNONYMS

PTRF; Polyclonal Antibody; PTRF Polyclonal Antibody; CAVIN1; CAVIN; CGL4; FKSG13; cavin-1; anti-PTRF antibody

PRODUCT SPECIFICATIONS

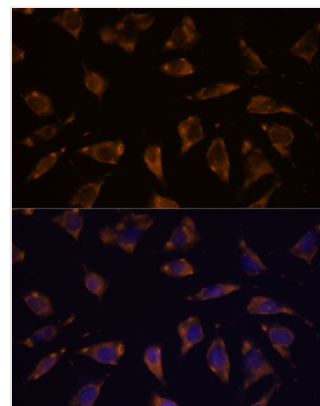
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PTRF antibody	IF (Immunofluorescence)
Immunogen	Recombinant protein of human PTRF
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



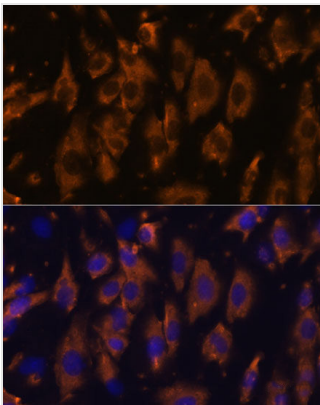
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using PTRF Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using PTRF Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using PTRF Polyclonal Antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PTRF antibody	This gene encodes a protein that enables the dissociation of paused ternary polymerase I transcription complexes from the 3' end of pre-rRNA transcripts. This protein regulates rRNA transcription by promoting the dissociation of transcription complexes and the reinitiation of polymerase I on nascent rRNA transcripts. This protein also localizes to caveolae at the plasma membrane and is thought to play a critical role in the formation of caveolae and the stabilization of caveolins. This protein translocates from caveolae to the cytoplasm after insulin stimulation. Caveolae contain truncated forms of this protein and may be the site of phosphorylation-dependent proteolysis. This protein is also thought to modify lipid metabolism and insulin-regulated gene expression. Mutations in this gene result in a disorder characterized by generalized lipodystrophy and muscular dystrophy.
Product Categories/Family for anti-PTRF antibody	Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	56749614
NCBI GeneID	284119
UniProt Accession #	Q6NZI2 ; O00535 ; Q6GMY1 ; Q96H74 ; Q9BT85 ; Q9HAP4 ; B2RAW7
Molecular Weight	390
NCBI Official Full Name	Polymerase I and transcript release factor
NCBI Official Synonym Full Names	polymerase I and transcript release factor
NCBI Official Symbol	PTRF
NCBI Official Synonym Symbols	CGL4; CAVIN; CAVIN1; FKSG13; cavin-1
NCBI Protein Information	polymerase I and transcript release factor; PTRF; TTF-I interacting peptide 12; RNA polymerase I and transcript release factor
UniProt Protein Name	Polymerase I and transcript release factor
UniProt Gene Name	PTRF
UniProt Entry Name	PTRF_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.