

Rabbit anti-Human PTRF Polyclonal Antibody | anti-PTRF antibody

PTRF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40610	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

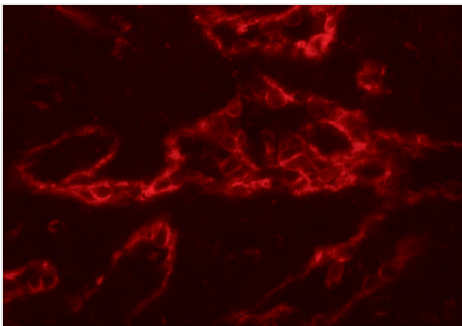
PRODUCT SYNONYMS

PTRF; Polyclonal Antibody; PTRF Antibody; CGL4; CAVIN; CAVIN1; FKSG13; cavin-1; Polymerase I and transcript release factor; Cavin-1; polymerase I and transcript release factor; anti-PTRF antibody

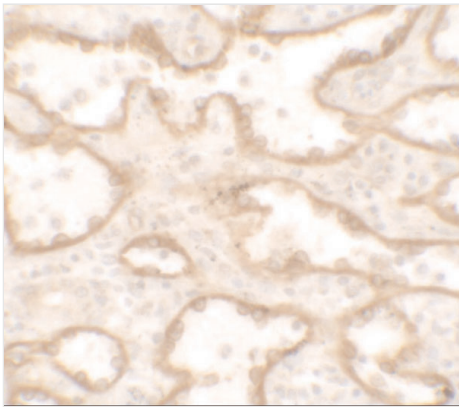
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of PTRF are known to exist; this antibody detects all three isoforms. It is predicted to not cross-react with other members of the cavin family.
Purity/Purification	PTRF Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	390
Applicable Applications for anti-PTRF antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal PTRF antibody was raised against a 19 amino acid peptide near the carboxy terminus of human PTRF.
Positive Control	Human Spleen Tissue Lysate
Buffer	PTRF Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PTRF antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

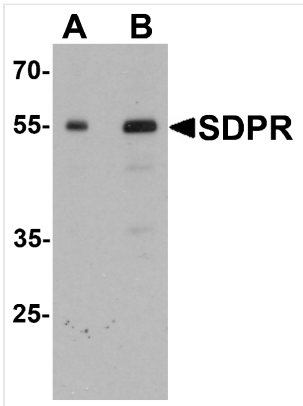
IMAGES



IF (Immunofluorescence)
Immunofluorescence of PTRF in human spleen tissue with PTRF antibody at 20 μg/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of PTRF in human spleen tissue with PTRF antibody at 5 μg/ml.



WB (Western Blot)
Western blot analysis of PTRF in human spleen tissue lysate with PTRF antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PTRF antibody	PTRF Antibody: The polymerase I and transcript release factor (PTRF) enables the dissociation of paused ternary polymerase I transcription complexes from the 3' end of pre-rRNA transcripts, regulating rRNA transcription by promoting the dissociation of transcription complexes and the re-initiation of polymerase I on nascent rRNA transcripts. PTRF 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, translocating from caveolae to the cytoplasm after insulin stimulation. PTRF 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42734430
NCBI GeneID	284119
NCBI Accession #	NP_036364
NCBI GenBank Nucleotide #	NM_012232.5
UniProt Accession #	Q6NZI2; O00535; Q6GMY1; Q96H74; Q9BT85; Q9HAP4; B2RAW7
Molecular Weight	43 kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptrf-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40610>