

Datasheet for ABIN6991834 **anti-PTRF antibody (C-Term)**



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Overview

Quantity:	0.1 mg
Target:	PTRF
Binding Specificity:	AA 270-320, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTRF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Rabbit polyclonal PTRF antibody was raised against a 19 amino acid peptide near the carboxy terminus of human PTRF. The immunogen is located within amino acids 270 - 320 of PTRF.
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.
Purification:	PTRF Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PTRF
Alternative Name:	PTRF (PTRF Products)

Target Details

Background:	<p>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.</p>
Molecular Weight:	43 kDa
Gene ID:	284119
NCBI Accession:	NP_036364
UniProt:	Q6NZI2

Application Details

Application Notes:	<p>PTRF antibody can be used for detection of PTRF by Western blot at 0.5 - 1 µg/mL.</p> <p>Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PTRF Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	PTRF antibody can be stored at 4°C for three months and -20°C, stable for up to one year.