



[Go to Product page](#)

Datasheet for ABIN7147063
anti-PTRF antibody (AA 12-44)

1 Image

Overview

Quantity:	100 µL
Target:	PTRF
Binding Specificity:	AA 12-44
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTRF antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Caveolae-associated protein 1 protein (12-44AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PTRF
Alternative Name:	CAVIN1 (PTRF Products)
Background:	Background: Plays an important role in caveolae formation and organization. Essential for the formation of caveolae in all tissues (PubMed:18056712, PubMed:18191225,

Target Details

PubMed:19726876). Core component of the CAVIN complex which is essential for recruitment of the complex to the caveolae in presence of calveolin-1 (CAV1). Essential for normal oligomerization of CAV1. Promotes ribosomal transcriptional activity in response to metabolic challenges in the adipocytes and plays an important role in the formation of the ribosomal transcriptional loop. Dissociates transcription complexes paused by DNA-bound TTF1, thereby releasing both RNA polymerase I and pre-RNA from the template (By similarity).

Aliases: 2310075E07Rik antibody, AW546441 antibody, Cavin 1 antibody, Cavin antibody, Cavin-1 antibody, CAVIN1 antibody, CGL4 antibody, FKSG13 antibody, FLJ90031 antibody, MGC118550 antibody, OTTMUSP00000002049 antibody, Polymerase I and transcript release factor antibody, Ptrf antibody, PTRF_HUMAN antibody, RNA polymerase I and transcript release factor antibody, RP23-279L23.6 antibody, TTF I interacting peptide 12 antibody

UniProt: [Q6NZI2](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

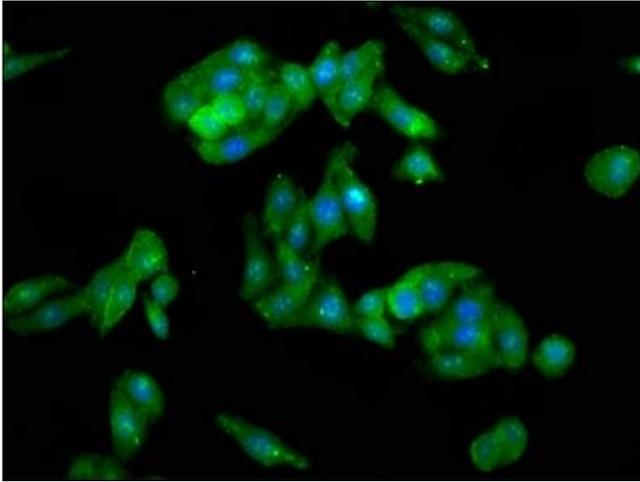
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7147063 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).