



[Go to Product page](#)

Datasheet for ABIN6243145
anti-PPIF antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	PPIF
Binding Specificity:	AA 183-217, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPIF antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PPIF antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 183-217 amino acids from the C-terminal region of human PPIF.
Clone:	RB49693
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PPIF
Alternative Name:	PPIF (PPIF Products)
Background:	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline

Target Details

imidic peptide bonds in oligopeptides. Involved in regulation of the mitochondrial permeability transition pore (mPTP). It is proposed that its association with the mPTP is masking a binding site for inhibiting inorganic phosphate (Pi) and promotes the open probability of the mPTP leading to apoptosis or necrosis, the requirement of the PPlase activity for this function is debated. In cooperation with mitochondrial TP53 is involved in activating oxidative stress-induced necrosis. Involved in modulation of mitochondrial membrane F(1)F(0) ATP synthase activity and regulation of mitochondrial matrix adenine nucleotide levels. Has anti-apoptotic activity independently of mPTP and in cooperation with BCL2 inhibits cytochrome c-dependent apoptosis.

Molecular Weight: 22040

UniProt: [P30405](#)

Pathways: [Proton Transport](#), [Negative Regulation of intrinsic apoptotic Signaling](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

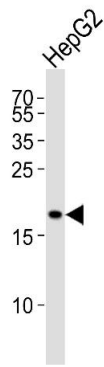
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysate from HepG2 cell line, using IF Antibody (C-term) (ABIN6243145 and ABIN6577491). (ABIN6243145 and ABIN6577491) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.