

Datasheet for ABIN629692 anti-PPIF antibody



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1 Image

Overview

Quantity:	100 µg
Target:	PPIF
Reactivity:	Human, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPIF antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PPIF antibody was raised using a synthetic peptide corresponding to a region with amino acids GSTFHRVIPSFMCQAGDFTNHNGTGGKSIYGSRFPDENFTLKHVGPVLS
Purification:	Purified

Target Details

Target:	PPIF
Alternative Name:	PPIF (PPIF Products)
Background:	PPIF is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein is part of the mitochondrial permeability transition pore in the inner mitochondrial membrane. Activation of this pore is thought to be involved in the induction of apoptotic and necrotic cell death.

Target Details

Molecular Weight:	19 kDa (MW of target protein)
Pathways:	Proton Transport , Negative Regulation of intrinsic apoptotic Signaling , Negative Regulation of Transporter Activity

Application Details

Application Notes:	WB: 5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PPIF Blocking Peptide, catalog no. 33R-3589, is also available for use as a blocking control in assays to test for specificity of this PPIF antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PPIF antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. PPIF antibody used at 5 ug/ml to detect target protein.