

Datasheet for ABIN2778967  
**anti-PPIE antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	PPIE
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Guinea Pig, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPIE antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PPIE
Sequence:	RIIPQFMCQG GDFTNHNGTG GKSIYGKKFD DENFILKHTG PGLLSMANS
Predicted Reactivity:	Guinea Pig: 100%, Human: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PPIE. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	PPIE
Alternative Name:	PPIE ( <a href="#">PPIE Products</a> )

## Target Details

Background:	<p>PPIE 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 contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was shown to possess PPIase and protein folding activities and also exhibit RNA-binding activityThe protein encoded by this gene 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 contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was shown to possess PPIase and protein folding activities and also exhibit RNA-binding activity.</p> <p>Three alternatively spliced transcript variants encoding distinct isoforms have been observed.</p> <p>Alias Symbols: CYP33, CYP-33</p> <p>Protein Interaction Partner: XAB2, BMI1, UBC, EIF4A3, MAGOH, SF3A2, HHV8GK18_gp81, SUMO2, Prpf8, Cdc5l, Snw1, KMT2A, PHYHIP,</p> <p>Protein Size: 235</p>
Molecular Weight:	26 kDa
Gene ID:	10450
NCBI Accession:	<a href="#">NM_203457</a> , <a href="#">NP_982282</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 235 AA
Restrictions:	For Research Use only

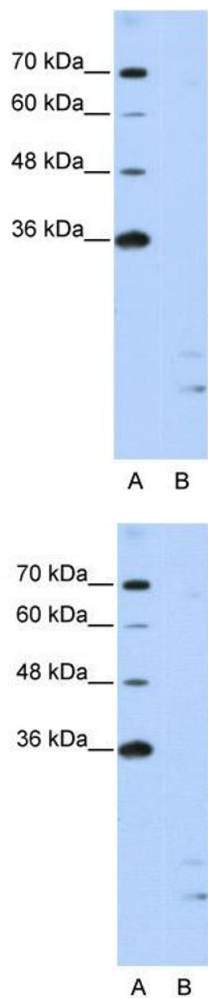
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-PPIE Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate PPIE is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

Western Blotting

**Image 2.** WB Suggested Anti-PPIE Antibody Titration: 2.5 µg/mL Positive Control: Jurkat cell lysate PPIE is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells