

Datasheet for ABIN6146027  
**anti-PPIE antibody (AA 1-301)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	PPIE
Binding Specificity:	AA 1-301
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPIE antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-301 of human PPIE (NP_006103.1).
Sequence:	MATTKRVLVY GGLAEEVDDK VLHAAFIPFG DITDIQPLD YETEKHRGFA FVEFELAEDA AAAIIDNMNES ELFGRTIRVN LAKPMRIKEG SSRPVWSDDD WLKKFSGKTL EENKEEEGSE PPKAETQEGE PIAKKARSNP QVYMDIKIGN KPAGRIQMLL RSDVVPMTAE NFRCLCTHEK GFGFKGSSFH RIIPQFMCQG GDFTNHNGTG GKSIYGKKFD DENFILKHTG PGLLSMANSG PNTNGSQFFL TCDKTDWLDG KHVVFGEVTE GLDVLRLQIEA QGSKDGKPKQ KVIIADCGEY V
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Target Details

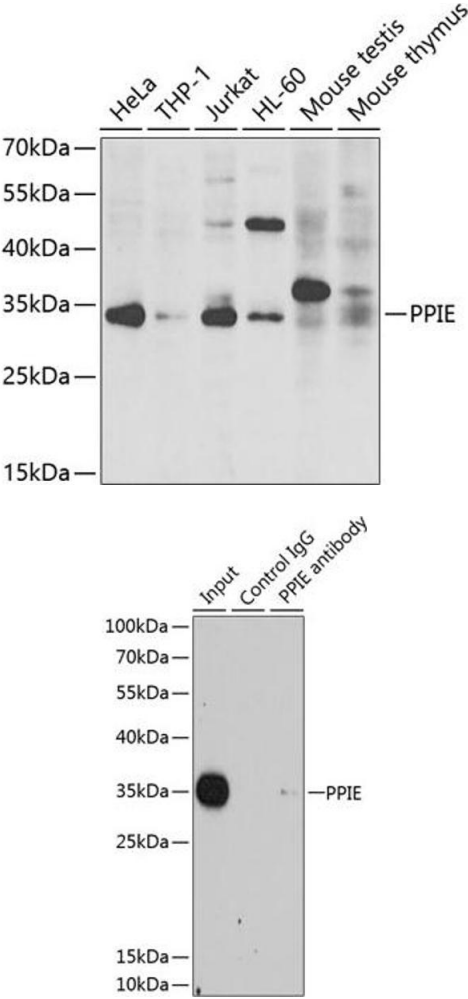
Target:	PPIE
Alternative Name:	PPIE ( <a href="#">PPIE Products</a> )
Background:	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding 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 it also exhibits RNA-binding activity. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 1, has been identified.,PPIE,CYP-33,CYP33,Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,PPIE
Molecular Weight:	33 kDa/34 kDa
Gene ID:	10450
UniProt:	<a href="#">Q9UNP9</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using PPIE antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

### Immunoprecipitation

**Image 2.** Immunoprecipitation analysis of 200 µg extracts of HeLa cells using 1 µg PPIE antibody. Western blot was performed from the immunoprecipitate using PPIE antibody at a dilution of 1:1000.