



[Go to Product page](#)

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

2 Images

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:	MATTKRVLYV GGLAEEVDDK VLHAAFIPFG DITDIQPLD YETEKHRGFA FVEFELAEDA AAIDNMNES ELFGRTIRVN LAKPMRIKEG SSRPVWSDDD WLKKFSGKTL EENKEEEGSE PPKAETQEGE PIAKKARSNP QVYMDIKIGN KPAGRIQMLL RSDVVPMTAE NFRCLCTHEK GFGFKGSSFH RIIPQFMCQG GDFTNHNGTG GKSIYGKKFD DENFILKHTG PGLLSMANS PNTNGSQFFL TCDKTDWLDG KHVVFGEVTE GLDVLRLQIEA QGSKDGKPKQ KVIIADCGEY V
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

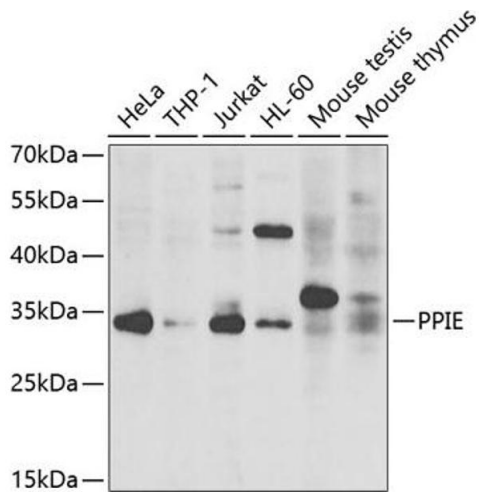
Target:	PPIE
Alternative Name:	PPIE (PPIE Products)
Background:	<p>The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. 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</p>
Molecular Weight:	33 kDa/34 kDa
Gene ID:	10450
UniProt:	Q9UNP9

Application Details

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

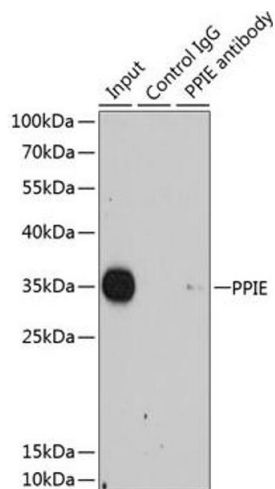
Handling

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.