

Rabbit PPIE Polyclonal Antibody | anti-PPIE antibody

PPIE antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198722	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Yeast	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

PPIE; Polyclonal Antibody; PPIE antibody - middle region; anti-PPIE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Yeast
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KK FSGKTLEENK EEEGSEPPKA ETQEGEPIAK KARSNPQVYM DIKIGNKP
Sequence Length	301
Applicable Applications for anti-PPIE antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 93%; Sheep: 100%; Yeast: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PPIE
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PPIE Antibody Titration: 1.25ug/ml
ELISA Titer: 1:62500
Positive Control: K562 cell lysate
PPIE is strongly supported by BioGPS gene expression data to be expressed in Human K562 cells



IHC (Immunohistochemistry)

Sample Type: Human Kidney
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-PPIE antibody	This is a rabbit polyclonal antibody against PPIE. It was validated on Western Blot and immunohistochemistry Target Description: 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 activity. Three alternatively spliced transcript variants encoding distinct isoforms have been observed.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 also exhibit RNA-binding activity. Three alternatively spliced transcript variants encoding distinct isoforms have been observed.
Product Categories/Family for anti-PPIE antibody	Polyclonal; RNA Binding Proteins; Transcription Regulation; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174637
NCBI GeneID	10450
NCBI Accession #	NP_006103
NCBI GenBank Nucleotide #	NM_006112
UniProt Accession #	Q9UNP9
Molecular Weight	33kDa
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase E isoform 1
NCBI Official Synonym Full Names	peptidylprolyl isomerase E
NCBI Official Symbol	PPIE
NCBI Official Synonym Symbols	CYP33; CYP-33
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase E
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase E
UniProt Gene Name	PPIE
UniProt Synonym Gene Names	CYP33; PPIase E
UniProt Entry Name	PPIE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppie-antibody-western-blot-immunohistochemistry-elisa/198722>