

Rabbit PPIA Polyclonal Antibody | anti-PPIA antibody

PPIA antibody - middle region

CATALOG # AAA200155	HOST Rabbit	REACTIVITY Tested: Human Predicted: Cow, Dog, Goat, Guinea Pig, Horse, Mouse, Rabbit, Rat, Sheep	APPLICATIONS Western Blot, Immunohistochemistry
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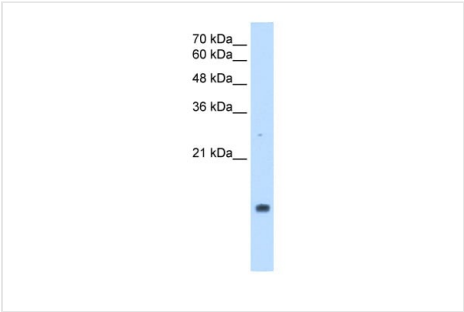
PRODUCT SYNONYMS

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

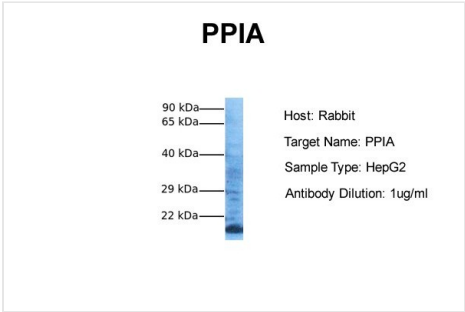
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Goat, Guinea Pig, Horse, Mouse, Rabbit, Rat, Sheep
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.
Concentration	1.0 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: TA KTEWLDGKHV VFGKVKEGMN IVEAMERFGS RINGKTSKKIT IADCGQLE
Sequence Length	165
Applicable Applications for anti-PPIA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Protein Size (# AA)	165 amino acids
Protein Interactions	LNX1; HUWE1; UBC; TCF4; FUS; gag; MDM2; RPL23A; SRPK2; SRPK1; ESR1; UBD; TERT; RAD52; VCAM1; ITGA4; FN1; HCVgp1; LIG4; PAXIP1; RB1; APP; CPLX1; SNX3; TAGLN2; SOD1; RPA2; RAD23B; PTMA; IGBP1; ENO1; AKT1; USP4; CDK2; COPS5; CUL1; CUL3; CUL4B; NEDD8; CD99; C
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PPIA
Blocking Peptide	Catalog # ()
Sample Type Confirmation	PPIA is strongly supported by BioGPS gene expression data to be expressed in HepG2
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.

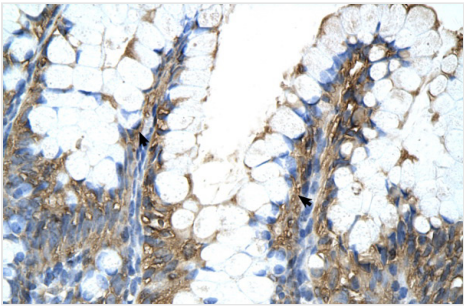
IMAGES



WB (Western Blot)
WB Suggested Anti-PPIA Antibody Titration: 2.5ug/mlPositive Control: HepG2 cell lysatePPIA is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



WB (Western Blot)
Host: RabbitTarget Name: PPIASample Tissue: Human HepG2Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Human Intestine

ADDITIONAL INFORMATION

Related Product Information for anti-PPIA antibody	This is a rabbit polyclonal antibody against PPIA. It was validated on Western Blot and immunohistochemistry Target Description: PPIA 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. PPIA is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression. The protein can also interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions.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 is a cyclosporin binding-protein. It may play a role in cyclosporin A-mediated immunosuppression. This protein can interact with several HIV proteins including p55 gag, Vpr, and capsid protein. It has been shown to be necessary for the formation of infectious HIV virions. Multiple pseudogenes that map to different chromosomes have been reported. Three alternatively spliced transcript variants encoding two distinct isoforms have been observed.
Product Categories/Family for anti-PPIA antibody	Polyclonal; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863927
NCBI GeneID	5478
NCBI Accession #	NP_066953
NCBI GenBank Nucleotide #	NM_021130
UniProt Accession #	P62937
Molecular Weight	18kDa

NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase A isoform 1
NCBI Official Synonym Full Names	peptidylprolyl isomerase A
NCBI Official Symbol	PPIA
NCBI Official Synonym Symbols	CYPA; CYPH; HEL-S-69p
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase A
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase A
UniProt Gene Name	PPIA
UniProt Synonym Gene Names	CYPA; PPIase A
UniProt Entry Name	PPIA_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://www.aaabiotech.com/polyclonal/ppia-antibody-western-blot-immunohistochemistry-elisa/200155>