

Rabbit PPIA Polyclonal Antibody | anti-PPIA antibody

PPIA Antibody

CATALOG # AAA303660	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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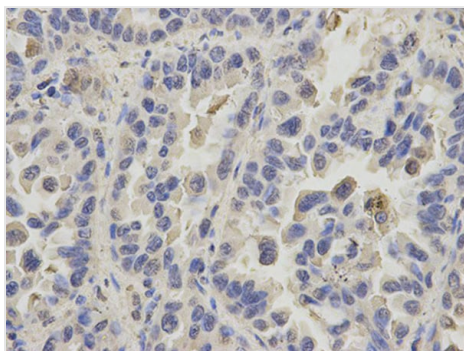
PRODUCT SYNONYMS

PPIA; Polyclonal Antibody; PPIA Antibody; CYPA; CYPH; MGC117158; MGC12404; anti-PPIA antibody

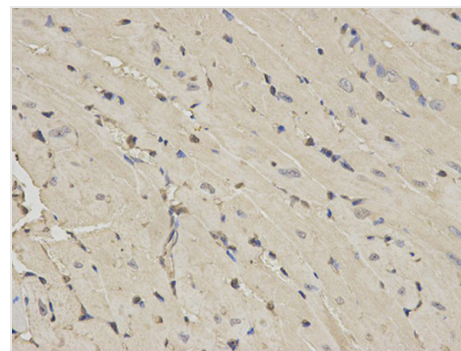
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PPIA protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	105
Applicable Applications for anti-PPIA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PPIA.
Target Name	PPIA
Preparation and Storage	Store at -20 degree C

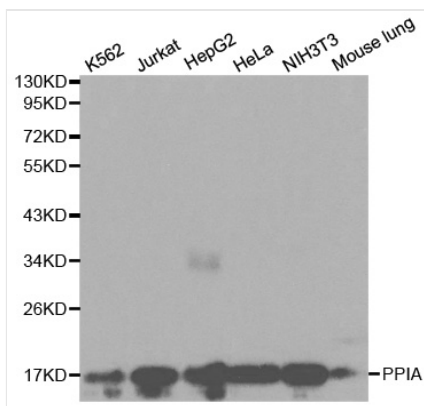
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer using PPIA antibody at dilution of 1:200 (400x lens).


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse heart using PPIA antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPIA antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PPIA antibody	Cyclophilins are a highly conserved family of peptidylprolyl cis-trans-isomerases (PPIA) that are targets of the immunosuppressant drug cyclosporin A (CsA) (1,2). The complex of cyclophilin and CsA can bind to and inhibit calcineurin which leads to inhibition of the transcription factor NFAT and decreased production of cytokines (3,4). As isomerases, cyclophilins have been proposed to aid in protein folding. Cyclophilin A can bind to the p53 Gag protein of HIV and appears necessary for HIV infection (5,6). There is also some evidence that cyclophilins have nuclease activity and play a role in apoptosis (7).
Product Categories/Family for anti-PPIA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	665821274
NCBI GeneID	5478
NCBI Accession #	NP_001287910.1
NCBI GenBank Nucleotide #	NM_001300981.1
UniProt Accession #	P62937; P05092; Q3KQW3; Q567Q0; Q6IBU5; Q96IX3; Q9BRU4; Q9BTY9; Q9UC61; A8K220
Molecular Weight	11,418 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase A isoform 2
NCBI Official Synonym Full Names	peptidylprolyl isomerase A (cyclophilin 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.