

Rabbit PPIA Polyclonal Antibody | anti-PPIA antibody

PPIA Antibody

CATALOG # AAA168446	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

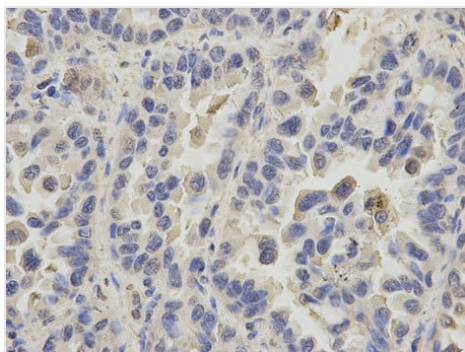
PRODUCT SYNONYMS

PPIA; Polyclonal Antibody; PPIA Antibody; CYPA; CYPH; MGC117158; MGC12404; MGC23397; anti-PPIA antibody

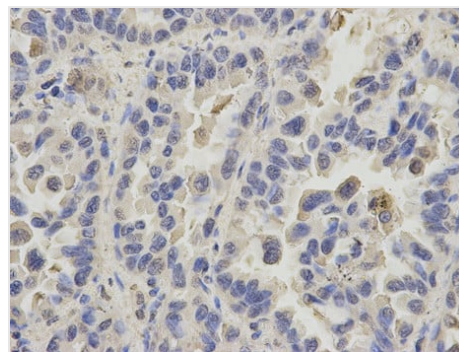
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	165
Applicable Applications for anti-PPIA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PPIA
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-133494
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

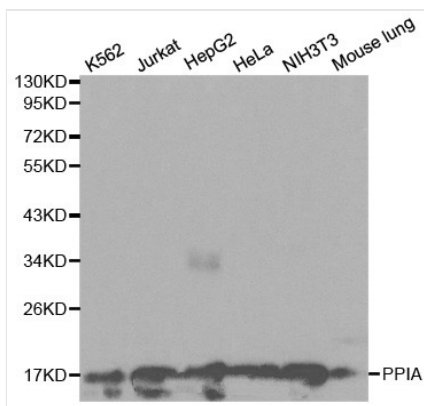
IMAGES


IHC (Immunohistochemisry)

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


IHC (Immunohiostchemistry)

Immunohistochemistry 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 p55 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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145531
NCBI GeneID	5478
UniProt Accession #	P62937; P05092; Q3KQW3; Q567Q0; Q6IBU5; Q96IX3; Q9BRU4; Q9BTY9; Q9UC61; A8K220
Molecular Weight	11,418 Da
NCBI Official Full Name	PPIA
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; PPIase A; T cell cyclophilin; cyclosporin A-binding protein; epididymis secretory sperm binding protein Li 69p; rotamase 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/ppia-antibody-immunohistochemistry-western-blot-elisa/168446>