

Rabbit anti-Human, Mouse PPIL3 Polyclonal Antibody | anti-PPIL3 antibody

Anti-PPIL3 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126548	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA

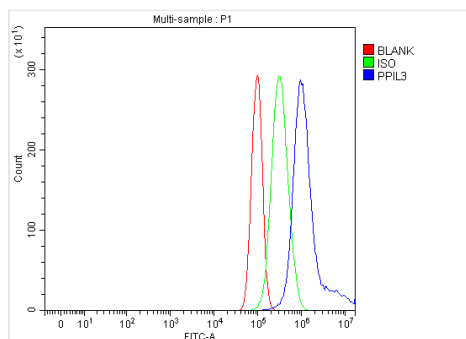
PRODUCT SYNONYMS

PPIL3; Polyclonal Antibody; Anti-PPIL3 Antibody Picoband; anti-PPIL3 antibody

PRODUCT SPECIFICATIONS

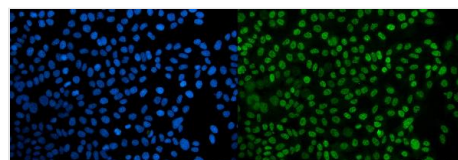
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-PPIL3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human PPIL3 recombinant protein (Position: M1-Q161).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



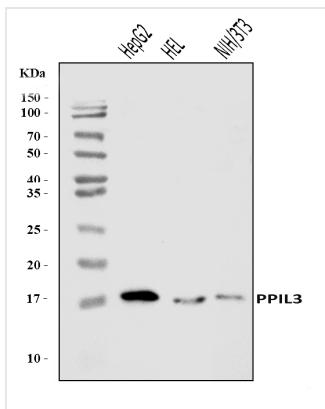
FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of PC-3 cells using anti-PPIL3 antibody (AAA126548). Overlay histogram showing PC-3 cells stained with AAA126548 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-PPIL3 Antibody (AAA126548, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IF (Immunofluorescence)

Figure 2. IF analysis of PPIL3 using anti-PPIL3 antibody (AAA126548). PPIL3 was detected in an immunocytochemical section of HEP3B cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-PPIL3 Antibody (AAA126548) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of PPIL3 using anti-PPIL3 antibody (AAA126548). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HepG2 whole cell lysates, Lane 2: human HEL whole cell lysates, Lane 3: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-PPIL3 antigen affinity purified polyclonal antibody (#AAA126548) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for PPIL3 at approximately 18 kDa. The expected band size for PPIL3 is at 18 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PPIL3 antibody	Peptidyl-prolyl cis-trans isomerase-like 3 is an enzyme that in humans is encoded by the PPIL3 gene. This gene encodes a member of the cyclophilin family. Cyclophilins catalyze the cis-trans isomerization of peptidylprolyl imide bonds in oligopeptides. They have been proposed to act either as catalysts or as molecular chaperones in protein-folding events. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PPIL3 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	14277126
NCBI GeneID	53938
NCBI Accession #	NP_115861.1
NCBI GenBank Nucleotide #	NM_032472.3
UniProt Accession #	Q9H2H8; Q86WF9; Q96IA9; Q9BXZ1
Molecular Weight	18,627 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase-like 3 isoform PPIL3a
NCBI Official Synonym Full Names	peptidylprolyl isomerase (cyclophilin)-like 3
NCBI Official Symbol	PPIL3
NCBI Official Synonym Symbols	CYPJ
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase-like 3; PPIase; PPIase-like protein 3; cyclophilin J; cyclophilin-like protein 3; cyclophilin-like protein PPIL3; peptidylprolyl cis-trans isomerase-like protein 3; rotamase PPIL3
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase-like 3
UniProt Gene Name	PPIL3

UniProt Synonym Gene Names	PPlase; CyPJ
UniProt Entry Name	PPIL3_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/ppil3-antibody-western-blot-immunocytochemistry-immunofluorescence-flow-cytometry-elisa/126548>