

Rabbit IPP Polyclonal Antibody | anti-IPP antibody

Anti-IPP Antibody Picoband

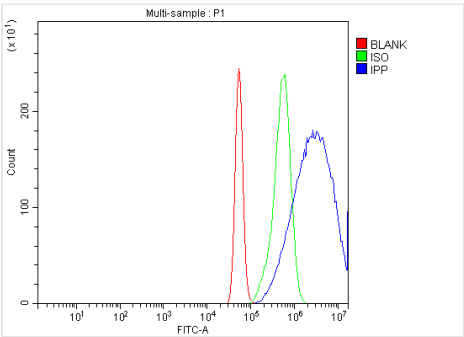
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126489	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

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

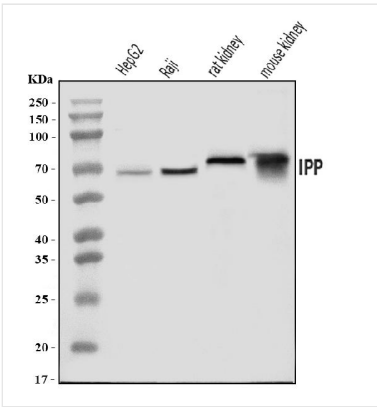
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
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-IPP antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human IPP recombinant protein (Position: M1-L584).
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.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of A431 cells using anti-IPP antibody (AAA126489).Overlay histogram showing A431 cells stained with AAA126489 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-IPP Antibody (AAA126489, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DylLight488 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.



WB (Western Blot)

Figure 1. Western blot analysis of IPP using anti-IPP antibody (AAA126489).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 Raji whole cell lysates,Lane 3: rat kidney tissue lysates,Lane 4: mouse kidney tissue 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-IPP antigen affinity purified polyclonal antibody (#AAA126489) 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 IPP at approximately 65 kDa. The expected band size for IPP is at 65 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-IPP antibody	The protein encoded by this gene is a member of the kelch family of proteins, which is characterized by a 50 amino acid repeat which interacts with actin. Transcript variants have been described but their full-length nature has not been determined.
Product Categories/Family for anti-IPP antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	223890235
NCBI GeneID	3652
NCBI Accession #	NP_001138821.1
NCBI GenBank Nucleotide #	NM_001145349.1
UniProt Accession #	Q9Y573; Q8N5C3; A2A6V4; D3DQ11
Molecular Weight	65,592 Da
NCBI Official Full Name	actin-binding protein IPP isoform 2
NCBI Official Synonym Full Names	intracisternal A particle-promoted polypeptide
NCBI Official Symbol	IPP
NCBI Official Synonym Symbols	KLHL27
NCBI Protein Information	actin-binding protein IPP; kelch-like family member 27; kelch-like protein 27
UniProt Protein Name	Actin-binding protein IPP
UniProt Gene Name	IPP

UniProt Synonym Gene Names	KLHL27; IPP
UniProt Entry Name	IPP_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/ipp-antibody-flow-cytometry-western-blot-elisa/126489>