

Rabbit anti-Human PPA2 Polyclonal Antibody | anti-PPA2 antibody

Rabbit anti-PPA2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213312	Rabbit	Human	Immunoprecipitation, Western Blot

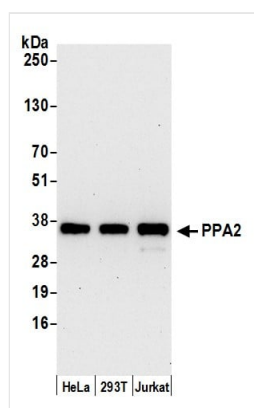
PRODUCT SYNONYMS

PPA2; Polyclonal Antibody; Rabbit anti-PPA2 Antibody; Affinity Purified; pyrophosphate phospho-hydrolase 2; SID6-306; SCFAI; pyrophosphatase SID6-306; PPase 2; inorganic pyrophosphatase 2; mitochondrial; HSPC124; SCFI; Inorganic pyrophosphatase 2; pyrophosphatase (inorganic) 2; anti-PPA2 antibody

PRODUCT SPECIFICATIONS

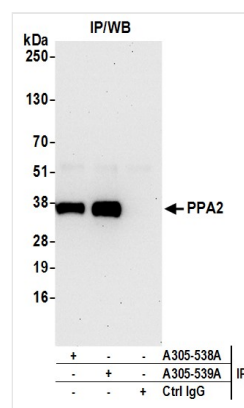
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PPA2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 284 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PPA2 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PPA2 antibody AAA213312 (lot AAA213312-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PPA2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PPA2 antibody AAA213312 (lot AAA213312-1) used for IP at 6 ug per reaction. PPA2 was also immunoprecipitated by rabbit anti-PPA2 antibody For blotting immunoprecipitated PPA2, AAA213312 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PPA2 antibody	PPA2 is localized to the mitochondrion, is highly similar to members of the inorganic pyrophosphatase (PPase) family, and contains the signature sequence essential for the catalytic activity of PPase. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells [taken from NCBI Entrez Gene (Gene ID: 27068)].
Product Categories/Family for anti-PPA2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	27068
UniProt Accession #	Q9H2U2
UniProt Protein Name	Inorganic pyrophosphatase 2, mitochondrial
UniProt Gene Name	PPA2
UniProt Synonym Gene Names	PPase 2
UniProt Entry Name	IPYR2_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://stage.aaabiotech.com/polyclonal/ppa2-antibody-immunoprecipitation-western-blot-elisa/213312>