

Rabbit PPA1 Polyclonal Antibody | anti-PPA1 antibody

PPA1 Polyclonal Antibody

CATALOG # AAA36877	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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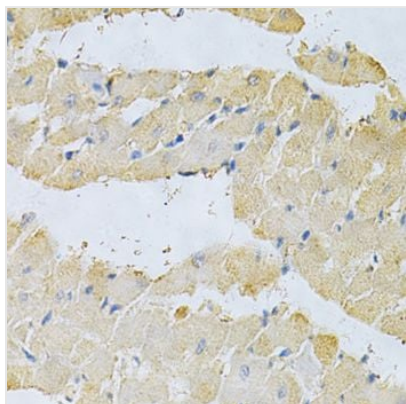
PRODUCT SYNONYMS

PPA1; Polyclonal Antibody; PPA1 Polyclonal Antibody; IOPPP; MGC111556; PP; PP1; SID6-8061; anti-PPA1 antibody

PRODUCT SPECIFICATIONS

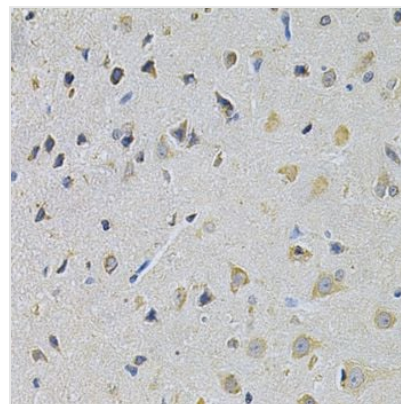
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	289
Applicable Applications for anti-PPA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PPA1
Calculated Molecular Weight	33kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



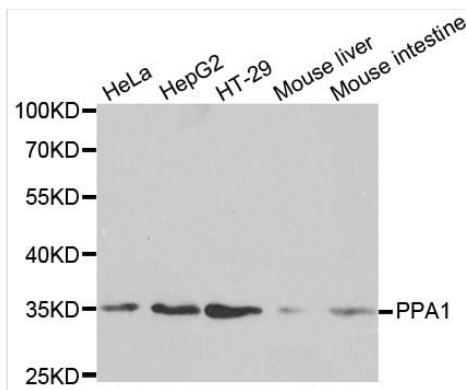
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using PPA1 Antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using PPA1 Antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPA1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PPA1 antibody	PPA1(Inorganic pyrophosphatase) is also named as IOPPP, PP and PPase. It maintains the thermodynamic favorability of these reactions by catalyzing the hydrolysis of pyrophosphates into organic phosphates, which are then exported across the cell membrane(PMID:16300924).The erythrocyte inorganic pyrophosphatase molecule would appear to be a dimer(PMID:4130389).This antibody is specific to PPA1.
Product Categories/Family for anti-PPA1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	8247940
NCBI GeneID	5464
UniProt Accession #	Q15181; Q2M348; Q5SQT7; Q6P7P4; Q9UQJ5; Q9Y5B1
Molecular Weight	289
NCBI Official Full Name	Inorganic pyrophosphatase
NCBI Official Synonym Full Names	pyrophosphatase (inorganic) 1
NCBI Official Symbol	PPA1
NCBI Official Synonym Symbols	PP; PP1; IOPPP; HEL-S-66p; SID6-8061
NCBI Protein Information	inorganic pyrophosphatase; PPase; pyrophosphatase 1; inorganic diphosphatase; inorganic pyrophosphatase 1; diphosphate phosphohydrolase; pyrophosphate phospho-hydrolase; cytosolic inorganic pyrophosphatase; epididymis secretory sperm binding protein Li 66p
UniProt Protein Name	Inorganic pyrophosphatase
UniProt Gene Name	PPA1
UniProt Synonym Gene Names	IOPPP; PP; PPase
UniProt Entry Name	IPYR_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/ppa1-antibody-immunohistochemistry-western-blot-elisa/36877>