

DATASHEET

PPA2 Rabbit Polyclonal Antibody

CAT. NO. APA16550

KEY FEATURES

Target	PPA2	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Hydrolyzes inorganic pyrophosphate . This activity is essential for correct regulation of mitochondrial membrane potential, and mitochondrial organization and function .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

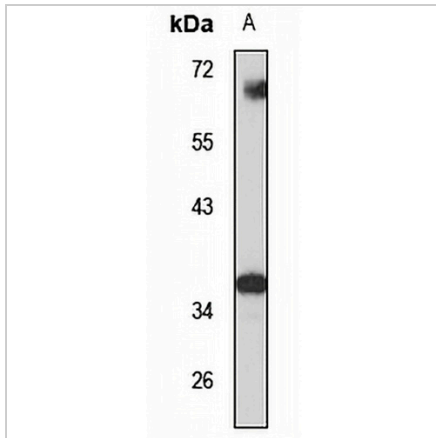
Description	Rabbit polyclonal antibody to PPA2
Specificity	Recognizes endogenous levels of PPA2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PPA2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 18; Observed: 38 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Inorganic pyrophosphatase 2 mitochondrial; Pyrophosphatase SID6-306; Pyrophosphate phospho-hydrolase 2; PPase 2
Gene Symbol	PPA2
Entrez Gene	27068(Human); 74776(Mouse)
SwissProt	Q9H2U2(Human); Q91VM9(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of PPA2 expression in A549 (A) whole cell lysates. (Predicted band size: 18; 25; 34; 37; 39 kD; Observed band size: 38 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.