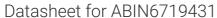
# antibodies -online.com







# anti-PPA2 antibody (AA 33-334)



#### Overview

Quantity:	100 μg
Target:	PPA2
Binding Specificity:	AA 33-334
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

#### **Product Details**

Purpose:	Rabbit IgG polyclonal antibody for PPA2 detection. Tested with WB, Direct ELISA in human.
Immunogen:	E.coli-derived human PPA2 recombinant protein (Position: A33-K334).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for PPA2 detection. Tested with WB, Direct ELISA in human.
Purification:	Immunogen affinity purified.

## Target Details

Target:	PPA2
Alternative Name:	PPA2 (PPA2 Products)
Background:	Synonyms: Inorganic pyrophosphatase 2, mitochondrial, Pyrophosphatase SID6-306,

Pyrophosphate phospho-hydrolase 2, PPase 2, PPA2, HSPC124
Background: Inorganic pyrophosphatase 2, mitochondrial is is a protein that in humans is
encoded by the PPA2 gene. It is mapped to 4q24. The protein encoded by this gene 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. Alternate transcriptional splice variants, encoding different

Gene ID: 27068

UniProt: Q9H2U2

### **Application Details**

Application Notes:	Application details: Western blot 0.1-0.5 μg/mL Direct ELISA 0.1-0.5 μg/mL
Comment:	Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.
Restrictions:	For Research Use only

isoforms, have been characterized.

#### Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month.  It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.