



## Datasheet for ABIN2462534 anti-PPAP2A antibody



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	PPAP2A
Reactivity:	Human, Mouse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPAP2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human PPAP2A.
Purification:	Antibody is purified by protein A chromatography method.

#### Target Details

Target:	PPAP2A
Alternative Name:	PPAP2A ( <a href="#">PPAP2A Products</a> )
Background:	PPAP2A is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is an integral membrane glycoprotein, and has been shown to be a surface enzyme that plays an active role in the hydrolysis and uptake of lipids from extracellular space. The expression of

## Target Details

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PPAP2A is found to be regulated by androgen in a prostatic adenocarcinoma cell line. The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is an integral membrane glycoprotein, and has been shown to be a surface enzyme that plays an active role in the hydrolysis and uptake of lipids from extracellular space. The expression of this gene is found to be regulated by androgen in a prostatic adenocarcinoma cell line. At least two alternatively spliced transcript variants encoding distinct isoforms have been described.

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Molecular Weight: 31 kDa, 32 kDa

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Gene ID: 8611

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NCBI Accession: [NP\\_795714](#)

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Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

## Application Details

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Application Notes: PPAP2A antibody can be used for detection of PPAP2A by ELISA at 1:62500. PPAP2A antibody can be used for detection of PPAP2A by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.

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Concentration: 1 mg/mL

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Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

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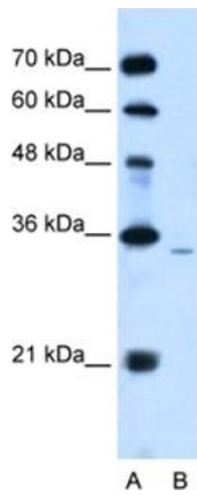
Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

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Storage: 4 °C/-20 °C

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Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store PPAP2A antibody at -20 °C.



### Western Blotting

Image 1.