# antibodies -online.com







# anti-PPAP2A antibody (C-Term)



## **Images**



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Quantity:	400 μL
Target:	PPAP2A
Binding Specificity:	AA 270-304, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPAP2A antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	This PPAP2A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 270-304 amino acids from the C-terminal region of human PPAP2A.
Clone:	RB51855
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### **Target Details**

Target:	PPAP2A	
Alternative Name:	PPAP2A (PPAP2A Products)	
Background:	Broad-specificity phosphohydrolase that dephosphorylates exogenous bioactive glycerolipids	

and sphingolipids. Catalyzes the conversion of phosphatidic acid (PA) to diacylglycerol (DG). Pivotal regulator of lysophosphatidic acid (LPA) signaling in the cardiovascular system. Major enzyme responsible of dephosphorylating LPA in platelets, which terminates signaling actions of LPA. May control circulating, and possibly also regulate localized, LPA levels resulting from platelet activation. It has little activity towards ceramide-1-phosphate (C-1-P) and sphingosine-1-phosphate (S-1-P). The relative catalytic efficiency is LPA > PA > S-1-P > C-1-P. It's down-regulation may contribute to the development of colon adenocarcinoma.

Molecular Weight: 32156
UniProt: 014494

Pathways: Intracellular Steroid Hormone Receptor Signaling Pathway

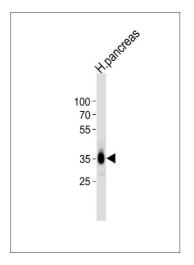
#### **Application Details**

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

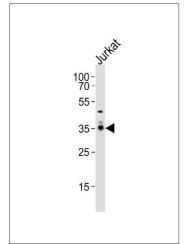
#### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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
Expiry Date:	6 months



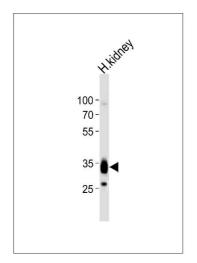
### **Western Blotting**

Image 1. Western blot analysis of lysate from human pancreas tissue lysate, using A Antibody (C-term) 1024c. 1024c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 μg.



#### **Western Blotting**

Image 2. Western blot analysis of lysate from Jurkat cell line, using A Antibody (C-term) 1024c. 1024c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.



#### **Western Blotting**

**Image 3.** Western blot analysis of lysate from human kidney tissue lysate, using A Antibody (C-term) 1024c. 1024c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20  $\mu$ g.