


PPAP2A antibody - N-terminal region (ARP42145_P050)

Data Sheet

Product Number	ARP42145_P050
Product Name	PPAP2A antibody - N-terminal region (ARP42145_P050)
Size	50ug
Gene Symbol	PPAP2A
Alias Symbols	LLP1a; LPP1; PAP-2a; PAP2; PAP2a2; PAP2alpha2; PAPalpha1
Nucleotide Accession#	NM_003711
Protein Size (# AA)	284 amino acids
Molecular Weight	32kDa
Product Format	Lyophilized powder
NCBI Gene Id	8611
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	Phosphatidic acid phosphatase type 2A
Description	This is a rabbit polyclonal antibody against PPAP2A. It was validated on Western Blot by Aviva Systems Biology. At Aviva Systems Biology we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: QRGVFCNDESIKYPYKEDTIPYALLGGIIIPFSIVILGETLSVYCPLL
Description of Target	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 PPAP2A is found to be regulated by androgen in a prostatic adenocarcinoma cell line.
Partner Proteins	FXYD1
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-PPAP2A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For anti-PPAP2A antibody is Catalog # AAP42145 (Previous Catalog # AAPS11806)
Immunogen	The immunogen for anti-PPAP2A antibody: synthetic peptide directed towards the N terminal of human PPAP2A
Swissprot Id	O14494
Protein Name	Lipid phosphate phosphohydrolase 1
Protein Accession #	NP_003702
Purification	Affinity Purified
Species Reactivity	Dog, Horse, Guinea pig, Human, Mouse, Rabbit, Rat, Bovine, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Rat: 93%; Bovine: 93%; Rabbit: 93%; Zebrafish: 77%
	Human HepG2 

90 kDa__

Image 1



WB Suggested Anti-PPAP2A Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.