

#### OriGene Technologies, Inc.

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# Product datasheet for TA356397

# PAP2D (PLPPR5) Rabbit Polyclonal Antibody

# **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human LPPR5
Specificity:	<b>Expected reactivity</b> : Cow, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish <b>Homology</b> : Cow: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	35kDa
Gene Name:	phospholipid phosphatase related 5
Database Link:	<u>NP_001032394</u> <u>Entrez Gene 163404 Human</u> <u>Q32ZL2</u>



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### PAP2D (PLPPR5) Rabbit Polyclonal Antibody – TA356397

Background:The protein encoded by this gene is a type 2 member of the phosphatidic acid phosphatase<br/>(PAP) family. All type 2 members of this protein family contain 6 transmembrane regions, and<br/>a consensus N-glycosylation site. PAPs convert phosphatidic acid to diacylglycerol, and<br/>function in de novo synthesis of glycerolipids as well as in receptor-activated signal<br/>transduction mediated by phospholipase D. Alternate transcriptional splice variants,<br/>encoding different isoforms, have been characterized.

### **Product images:**



Host: Rabbit Target Name: LPPR5 Sample Type: Thymus Tumor lysates Antibody Dilution: 1.0ug/ml

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