

## Product datasheet for **TA363108**

### Crppa Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse ISPD
Specificity:	<b>Expected reactivity:</b> Mouse
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	35 kDa
Gene Name:	isoprenoid synthase domain containing
Database Link:	<a href="#">NP_001276431.1</a> <a href="#">Entrez Gene 75847 Mouse</a> <a href="#">Q5RIG7-2</a>



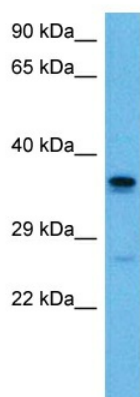
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**Background:**

Cytidyltransferase required for protein O-linked mannosylation. Catalyzes the formation of CDP-ribitol nucleotide sugar from D-ribitol 5-phosphate. CDP-ribitol is a substrate of FKTN during the biosynthesis of the phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-3-N-acetylglucosamine-beta-4-(phosphate-6-)mannose), a carbohydrate structure present in alpha-dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity. Shows activity toward other pentose phosphate sugars and mediates formation of CDP-ribulose or CDP-ribose using CTP and ribulose-5-phosphate or ribose-5-phosphate, respectively. Not Involved in dolichol production.

**Synonyms:**

hCG\_1745121; MDDGA7; Nip

**Product images:**

Host: Rabbit  
Target Name: Ispd  
Sample Type: Mouse Pancreas Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: ISPD  
Sample Tissue: Mouse Pancreas lysates  
Antibody Dilution: 1 µg/ml