

## Product datasheet for **TA361110**

### DPM2 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 middle region of human DPM2
Specificity:	<b>Expected reactivity:</b> Human
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:	9 kDa
Gene Name:	dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit
Database Link:	<a href="#">NP_003854.1</a> <a href="#">Entrez Gene 8818 Human</a> <a href="#">O94777</a>



[View online »](#)

**Background:**

Dolichol-phosphate mannose (Dol-P-Man) serves as a donor of mannosyl residues on the luminal side of the endoplasmic reticulum (ER). Lack of Dol-P-Man results in defective surface expression of GPI-anchored proteins. Dol-P-Man is synthesized from GDP-mannose and dolichol-phosphate on the cytosolic side of the ER by the enzyme dolichyl-phosphate mannosyltransferase. The protein encoded by this gene is a hydrophobic protein that contains 2 predicted transmembrane domains and a putative ER localization signal near the C terminus. This protein associates with DPM1 in vivo and is required for the ER localization and stable expression of DPM1 and also enhances the binding of dolichol-phosphate to DPM1.

**Synonyms:**

FLJ80013; MGC21559; MGC111193

**Product images:**