

## Product datasheet for **TA360772**

### C 4 Methylsterol Oxidase (MSMO1) 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 SC4MOL
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:	32 kDa
Gene Name:	methylsterol monooxygenase 1
Database Link:	<a href="#">NP_001017369.1</a> <a href="#">Entrez Gene 6307 Human</a> <a href="#">Q15800</a>
Background:	Sterol-C4-methyl oxidase-like protein was isolated based on its similarity to the yeast ERG25 protein. It contains a set of putative metal binding motifs with similarity to that seen in a family of membrane desaturases-hydroxylases. The protein is localized to the endoplasmic reticulum membrane and is believed to function in cholesterol biosynthesis. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Synonyms:	Sc4mol

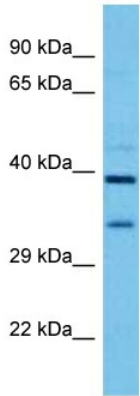


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Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, Steroid biosynthesis

**Product images:**



Host: Rabbit  
Target Name: SC4MOL  
Sample Type: A172 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: SC4MOL  
Sample Tissue: Human A172 Whole Cell lysates  
Antibody Dilution: 1ug/ml