

## Product datasheet for **TA341859**

### C 4 Methylsterol Oxidase (MSMO1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SC4MOL antibody: synthetic peptide directed towards the N terminal of human SC4MOL. Synthetic peptide located within the following region: MATNESVSIFSSASLAVEYVDSLLPENPLQEPFKNAWNYMLNNTKFKQIA
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
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	methylsterol monooxygenase 1
Database Link:	<a href="#">NP_006736</a> <a href="#">Entrez Gene 6307 Human</a> <a href="#">Q15800</a>
Background:	Sterol-C4-mehtyl oxidase-like protein was isolated based on its similarity toThe 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 toThe endoplasmic reticulum membrane and is believed to function in cholesterol biosynthesis. Alternatively spliced transcript variants encoding distinct isoforms have been found forThis gene. [provided by RefSeq, Jul 2008]



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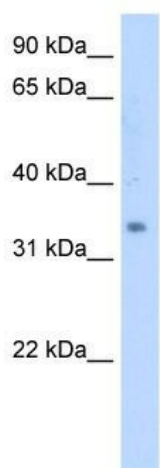
**Synonyms:** DESP4; ERG25; MCCPD; SC4MOL

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 93%; Bovine: 93%; Guinea pig: 93%; Zebrafish: 79%

**Protein Families:** Transmembrane

**Protein Pathways:** Metabolic pathways, Steroid biosynthesis

**Product images:**



WB Suggested Anti-SC4MOL Antibody Titration:  
5.0 ug/ml; Positive Control: Human Liver