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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: MATNESVSIFSSASLAVEYVDSLLPENPLQEPFKNAWNYMLNNYTKFQIA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
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:	NP_006736 Entrez Gene 6307 Human Q15800
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]
Synonyms:	DESP4; ERG25; MCCPD; SC4MOL

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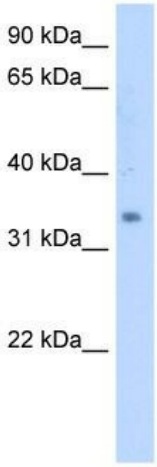
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 93%; Bovine: 93%; Guinea pig: 93%; Zebrafish: 79%

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