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Product datasheet for TA346238

LSS Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-LSS antibody: synthetic peptide directed towards the N terminal of human LSS. Synthetic peptide located within the following region: TEGTCLRRRGGPYKTEPATDLGRWRLNCERGRQTWTYLQDERAGREQTGL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	83 kDa
Gene Name:	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)
Database Link:	NP_002331 Entrez Gene 16987 MouseEntrez Gene 4047 Human P48449

View online »

Background: LSS catalyzes the conversion of (S)-2,3 oxidosqualene to lanosterol. It is a member of the terpene cyclase/mutase family and catalyzes the first step in the biosynthesis of cholesterol, steroid hormones, and vitamin D. Two transcript variants encoding the same protein have been found for this gene.The protein encoded by this gene catalyzes the conversion of (S)-2,3 oxidosqualene to lanosterol. The encoded protein is a member of the terpene cyclase/mutase family and catalyzes the first step in the biosynthesis of cholesterol, steroid hormones, and vitamin D. Two transcript variants encoding the same protein have been found for this gene.

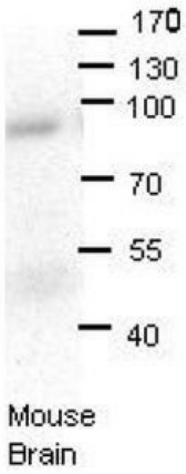
Synonyms: OSC

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

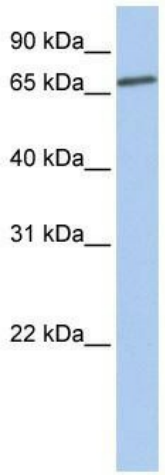
Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Steroid biosynthesis

Product images:



LSS antibody - N-terminal region validated by WB using Mouse brains at 1: 1000.



WB Suggested Anti-LSS Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Liver