



LSS mouse mAb

Catalog No	YP-mAb-18261
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LSS OSC
Immunogen	Synthesized peptide derived from human LSS
Specificity	This antibody detects endogenous levels of LSS at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Oxidosqualene--lanosterol cyclase;OSC;Lanosterol synthase;hOSC;EC:5.4.99.7; LSS;LSS OSC;Lanosterol synthase (EC 5.4.99.7) (2;3-epoxysqualene--lanosterol cyclase) (Oxidosqualene--lanosterol cyclase) (OSC) (hOSC)
Observed Band	70-75 kDa
Calculated Molecular Weight	732 aa, 83 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Peripheral membrane protein .
Tissue Specificity	Widely expressed. Expressed in the hair bulb, the outer root sheath and hair matrix of the hair follicle epithelium. Also detected in dermal papilla, epidermis, sweat glands, sebaceous glands, and blood vessels.
Function	Key enzyme in the cholesterol biosynthesis pathway. Catalyzes the cyclization of (S)-2,3 oxidosqualene to lanosterol, a reaction that forms the sterol nucleus . Through the production of lanosterol may regulate lens protein aggregation and increase transparency .
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images