

# LSS Rabbit pAb

Catalog No.: A6930 **2 Publications**

## Basic Information

### Observed MW

75kDa

### Calculated MW

83kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

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. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Recommended Dilutions

WB 1:100 - 1:500

## Immunogen Information

### Gene ID

4047

### Swiss Prot

P48449

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human LSS (NP\_002331.3).

### Synonyms

OSC; APMR4; HYPT14; CTRCT44; LSS

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

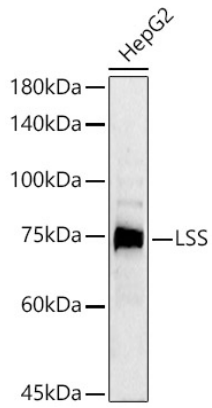
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of HepG2 cells, using LSS antibody (A6930) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.