Rabbit LSS Polyclonal Antibody | anti-LSS antibody

LSS antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199005	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

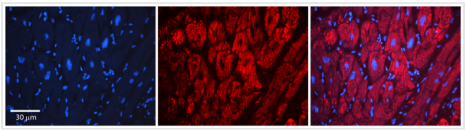
LSS; Polyclonal Antibody; LSS antibody - middle region; anti-LSS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:KC PHVTEHIPRE RLCDAVAVLL NMRNPDGGFA TYETKRGGHL LELLNPSE
Sequence Length	732
Applicable Applications for anti-LSS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 86%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 100%; Rat: 93%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LSS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-LSS Antibody Titration: 0.2-1 ug/mlPositive Control: Human Liver



IHC (Immunohistochemistry)
Rabbit Anti-LSS AntibodyFormalin Fixed Paraffin Embedded Tissue: Human heart TissueObserved Staining: CytoplasmicPrimary Antibody Concentration: N/AOther Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-LSS antibody	This is a rabbit polyclonal antibody against LSS. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-LSS antibody	Polyclonal; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	47933395
NCBI GeneID	4047
NCBI Accession #	NP_002331
NCBI GenBank Nucleotide #	NM_002340
UniProt Accession #	P48449
Molecular Weight	83kDa
NCBI Official Full Name	lanosterol synthase isoform 1
NCBI Official Synonym Full Names	lanosterol synthase
NCBI Official Symbol	LSS
NCBI Official Synonym Symbols	OSC; HYPT14; CTRCT44
NCBI Protein Information	lanosterol synthase
UniProt Protein Name	Lanosterol synthase
UniProt Gene Name	**LSS**
UniProt Synonym Gene Names	OSC; OSC; hOSC
UniProt Entry Name	ERG7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/lss-antibody-immunohistochemistry-western-blot-elisa/199005