



## Rabbit Anti-LMOD1 antibody

SL18315R

<b>Product Name:</b>	LMOD1
<b>Chinese Name:</b>	甲状腺相关眼病自身抗原抗体
<b>Alias:</b>	1D; 64 kDa autoantigen 1D; 64 kDa autoantigen 1D3; 64 kDa autoantigen D1; 9530015K06Rik; D1; Leiomodin; Leiomodin-1; Lmod1; LMOD1_HUMAN; muscle form; SM LMOD; SM-Lmod; SMLMOD; Smooth muscle leiomodin; Thyroid associated ophthalmopathy autoantigen; Thyroid-associated ophthalmopathy autoantigen.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Cat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	67kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LMOD1:251-350/600
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The leiomodin 1 protein has a putative membrane-spanning region and 2 types of tandemly repeated blocks. The transcript is expressed in all tissues tested, with the highest levels in thyroid, eye muscle, skeletal muscle, and ovary. Increased expression

of leiomodlin 1 may be linked to Graves' disease and thyroid-associated ophthalmopathy. [provided by RefSeq, Jul 2008]

**Subcellular Location:**

Cytoplasm. Cytoplasm; cytoskeleton.

**Tissue Specificity:**

Smooth muscle (heart, skeletal muscle, colon and small intestine), a subset of striated muscle fibers, and at low level in thyroid.

**Similarity:**

Belongs to the tropomodulin family.  
Contains 1 WH2 domain.

**SWISS:**

P29536

**Gene ID:**

25802

**Database links:**

[Entrez Gene: 25802](#) Human

[Entrez Gene: 428540](#) Chicken

[Entrez Gene: 532090](#) Cow

[Entrez Gene: 100052019](#) Horse

[Entrez Gene: 93689](#) Mouse

[Entrez Gene: 304816](#) Rat

[Omim: 602715](#) Human

[SwissProt: P29536](#) Human

[SwissProt: Q8BVA4](#) Mouse

[Unigene: 519075](#) Human

[Unigene: 180124](#) Mouse

[Unigene: 66554](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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