



## Rabbit Anti-FAM61B antibody

SL11001R

<b>Product Name:</b>	FAM61B
<b>Chinese Name:</b>	FAM61B蛋白抗体
<b>Alias:</b>	Protein FAM61B; Putative uncharacterized protein C20orf40; LSM14 homolog B (SCD6, <i>S. cerevisiae</i> ); bA11M20.3; C20orf40; Chromosome 20 open reading frame 40; Family with sequence similarity 61 member B; LSM13; LSM14 homolog B; LSM14B SCD6 homolog B ( <i>S. cerevisiae</i> ); MGC61931; Protein LSM14 homolog B; RNA associated protein 55B; LS14B_HUMAN; LSM14B; bA11M20.3; C20orf40; FAM61B; FT005; LSM13; RAP55B.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=1µg/TestICC=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>	42kDa
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human FAM61B:251-350/385
<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>	Sm and Sm-like (LSm) proteins form donut-shaped, ubiquitously expressed heptameric complexes that are involved in various steps of RNA metabolism, including RNA-protein interactions and structural changes that are required during ribosomal subunit

assembly. LSm14B, also known as C20orf40, FAM61B or LSM13, is a 385 amino acid protein that exists as multiple alternatively spliced isoforms and may play a role in RNA-related events. The gene encoding LSm14B maps to human chromosome 20. Comprising approximately 2% of the human genome, chromosome 20 contains nearly 63 million bases that encode over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome.

**Function:**

May play a role in control of mRNA translation (By similarity).

**Subunit:**

Component of a ribonucleoprotein (RNP) complex (By similarity).

**Similarity:**

Belongs to the LSM14 family.  
Contains 1 DFDF domain.

**SWISS:**

Q9BX40

**Gene ID:**

149986

**Database links:**

[Entrez Gene: 149986](#)Human

[Entrez Gene: 241846](#)Mouse

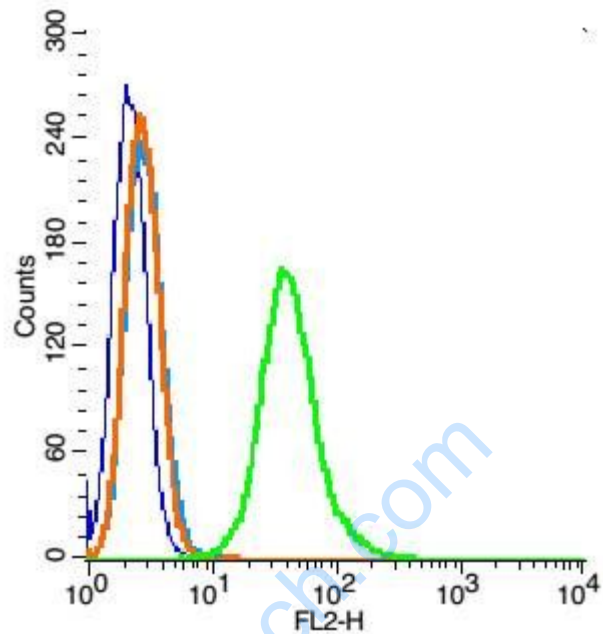
[SwissProt: Q9BX40](#)Human

[SwissProt: Q8CGC4](#)Mouse

**Important Note:**

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

Picture:



Blank control: RSC96(blue), the cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with ice-cold 90% methanol for 30 min on ice..

Isotype Control Antibody: Rabbit IgG(orange) ; Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA ;

Primary Antibody Dilution: 1 $\mu$ g in 100  $\mu$ L 1X PBS containing 0.5% BSA(green).