



## Rabbit Anti-FAM64A antibody

SL11005R

<b>Product Name:</b>	FAM64A
<b>Chinese Name:</b>	染色体分离调节蛋白1抗体
<b>Alias:</b>	FA64A_HUMAN; FAM64A; family with sequence similarity 64, member A; FLJ10156; FLJ10491; Protein FAM64A; RCS1; regulator of chromosome segregation 1; PIMREG; CALM-interactor expressed in thymus and spleen; PICALM-interacting mitotic regulator; Regulator of chromosome segregation protein 1;
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Horse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	27kDa
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human RCS1/FAM64A:151-248/248
<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>	<p>PIMREG (PICALM Interacting Mitotic Regulator) is a Protein Coding gene. Diseases associated with PIMREG include Suppurative Periapical Periodontitis.</p> <p><b>Function:</b> During mitosis, may play a role in the control of metaphase-to-anaphase transition.</p>

**Subunit:**

Isoform 1 and isoform 2 interact with PICALM; this interaction may target PICALM to the nucleus (PubMed:16491119). During mitosis, associates with HDAC2 and MTA2 subunits of the chromatin-remodeling NuRD complex; this association is strongest at prometaphase and decreases as the cell progresses through metaphase and anaphase (PubMed:18757745).

**Subcellular Location:**

Nucleus

**Tissue Specificity:**

Expressed in thymus (at protein level). Detected in spleen, colon, ovary and small intestines.

**Post-translational modifications:**

Ubiquitinated by the anaphase-promoting complex/cyclosome (APC/C) complex in the presence of FZR1, leading to its degradation by the proteasome during mitotic exit. However, degradation is not essential for normal mitotic progression within a single cell cycle.

**SWISS:**

Q9BSJ6

**Gene ID:**

54478

**Database links:**

[Entrez Gene: 54478](#) Human

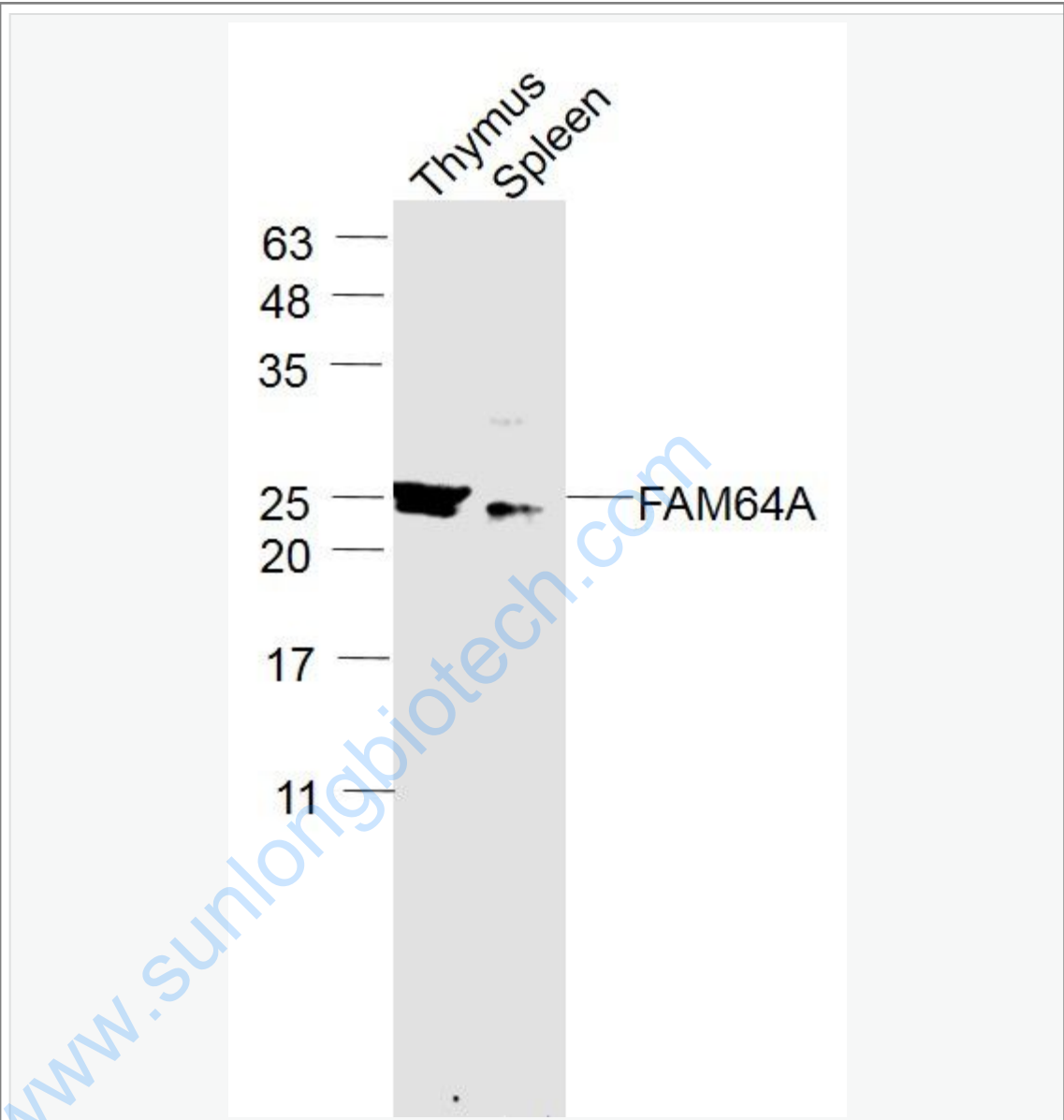
[SwissProt: Q9BSJ6](#) Human

[Unigene: 592116](#) Human

**Important Note:**

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

Picture:



Sample:

Thymus (Mouse) Lysate at 40 ug

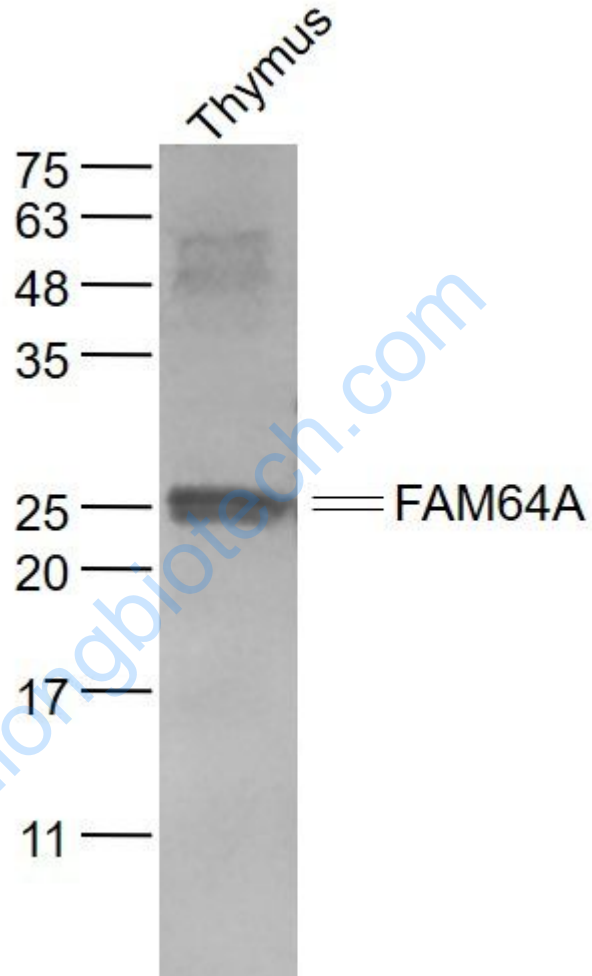
Spleen (Mouse) Lysate at 40 ug

Primary: Anti- FAM64A (SL11005R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 27 kD

Observed band size: 25 kD



Sample:

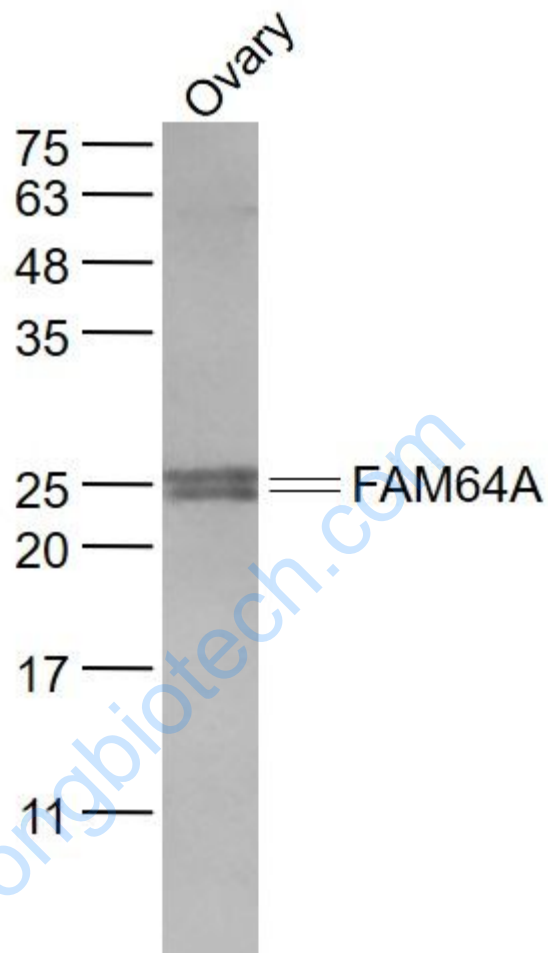
Thymus(Mouse) Lysate at 40 ug

Primary: Anti- FAM64A (SL11005R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 27 kD

Observed band size: 27/26 kD



Sample:

Ovary (Mouse) Lysate at 40 ug

Primary: Anti- FAM64A (SL11005R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 27 kD

Observed band size: 27/26 kD