



## Rabbit Anti-SGF29 antibody

SL17313R

<b>Product Name:</b>	SGF29
<b>Chinese Name:</b>	SGF29蛋白抗体
<b>Alias:</b>	CCDC101; Coiled coil domain containing 101; Coiled coil domain containing protein 101; Coiled-coil domain-containing protein 101; FLJ32446; OTTMUSP00000030606; SAGA associated factor 29 homolog; SAGA-associated factor 29 homolog; SGF29 HUMAN; STAF36.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	ELISA=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>	33kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SGF29:51-150/293
<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>	CCDC101 is a subunit of 2 histone acetyltransferase complexes: the ADA2A (TADA2A; MIM 602276)-containing (ATAC) complex and the SPT3 (SUPT3H; MIM 602947)-TAF9 (MIM 600822)-GCN5 (KAT2A; MIM 602301)/PCAF (KAT2B; MIM 602303) acetylase (STAGA) complex. Both of these complexes contain either GCN5 or

PCAF, which are paralogous acetyltransferases (Wang et al., 2008 [PubMed 18838386]).[supplied by OMIM, Apr 2010]

**Function:**

Involved in transcriptional regulation, through association with histone acetyltransferase (HAT) SAGA-type complexes like the TFIIIC-HAT, ATAC or STAGA complexes. Specifically recognizes and binds methylated 'Lys-4' of histone H3 (H3K4me), with a preference for trimethylated form (H3K4me3). In the SAGA-type complexes, required to recruit complexes to H3K4me. May be involved in MYC-mediated oncogenic transformation.

**Subcellular Location:**

Nucleus.

**Similarity:**

Belongs to the SGF29 family.  
Contains 1 SGF29 C-terminal domain.

**SWISS:**

Q96ES7

**Gene ID:**

112869

**Database links:**

[Entrez Gene: 112869](#) Human

[Entrez Gene: 75565](#) Mouse

[Entrez Gene: 293488](#) Rat

[Omim: 613374](#) Human

[SwissProt: Q96ES7](#) Human

[SwissProt: Q9DA08](#) Mouse

[SwissProt: P0C606](#) Rat

[Unigene: 655476](#) Human

[Unigene: 45686](#) Mouse

[Unigene: 34983](#) 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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