



## Rabbit Anti-SCRIBBLE antibody

SL19599R

<b>Product Name:</b>	SCRIBBLE
<b>Chinese Name:</b>	SCRIBBLE蛋白抗体
<b>Alias:</b>	CRIB 1; CRIB1; hSCRIB; KIAA0147; LAP 4; LAP4; Mouse Circletail homolog; PDZ domain protein scribble; Protein LAP4; Protein scribble homolog; SCRIB 1; SCRIB1; SCRIB 1; Scrib; SCRIB_HUMAN; SCRIB1; Scribble; Scribble homolog 1; Scribble homolog 1 Drosophila; scribbled homolog (Drosophila); Vartul.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Macaque Monkey, Orangutan
<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>	175kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SCRIBBLE:1-100/1630
<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>	This gene encodes a protein that was identified as being similar to the Drosophila scribble protein. The mammalian protein is involved in tumor suppression pathways. As a scaffold protein involved in cell polarization processes, this protein binds to many other proteins. The encoded protein binds to papillomavirus E6 protein via its PDZ

domain and the C-terminus of E6. Two alternatively spliced transcript variants that encode different protein isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

**Function:**

Scaffold protein involved in different aspects of polarized cells differentiation regulating epithelial and neuronal morphogenesis. Most probably functions in the establishment of apico-basal cell polarity. May function in cell proliferation regulating progression from G1 to S phase and as a positive regulator of apoptosis for instance during acinar morphogenesis of the mammary epithelium. May also function in cell migration and adhesion and hence regulate cell invasion through MAPK signaling. May play a role in exocytosis and in the targeting synaptic vesicles to synapses. Functions as an activator of Rac GTPase activity.

**Subcellular Location:**

Cell membrane. Cell junction > adherens junction. Cytoplasm. Targeting to cell-cell junctions which is CDH1-dependent is required for the pro-apoptotic activity. Localizes to neuronal post- and pre-synaptic regions.

**Tissue Specificity:**

Expressed in kidney, skeletal muscles, liver, lung, breast, intestine, placenta and skin mainly in epithelial cells (at protein level).

**Post-translational modifications:**

Ubiquitinated; targeted for UBE3A-dependent multiubiquitination in the presence of high-risk HPV E6 proteins and degraded.

**Similarity:**

Belongs to the LAP (LRR and PDZ) protein family.  
Contains 16 LRR (leucine-rich) repeats.  
Contains 4 PDZ (DHR) domains.

**SWISS:**

Q14160

**Gene ID:**

23513

**Database links:**

[Entrez Gene: 23513](#) Human

[Entrez Gene: 362938](#) Rat

[Omim: 607733](#) Human

[SwissProt: Q14160](#) Human

[Unigene: 436329](#) Human

[Unigene: 138068](#) 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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