

**Goat anti-SCRIB / Scribble Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4525a****Specification**

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**Goat anti-SCRIB / Scribble Antibody - Product Information**

Application	WB, IF, Pep-ELISA
Primary Accession	<a href="#">Q14160</a>
Other Accession	<a href="#">NP_874365.3</a> , <a href="#">NP_056171.3</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	177724

**Goat anti-SCRIB / Scribble Antibody - Additional Information****Gene ID** 23513**Other Names**

SCRIB; scribbled homolog (Drosophila); CRIB1; SCRB1; SCRIB1; Vartul; scribble

**Dilution**WB~~1:1000  
IF~~1:50~200  
Pep-ELISA~~N/A**Format**Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.  
Aliquot and store at -20°C. Minimize freezing and thawing.**Immunogen**

This antibody is expected to recognize both reported isoforms (NP\_874365.3; NP\_056171.3).

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-SCRIB / Scribble Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-SCRIB / Scribble Antibody - Protein Information****Name** SCRIB ([HGNC:30377](#))**Function**

Scaffold protein involved in different aspects of polarized cell differentiation regulating epithelial

and neuronal morphogenesis and T-cell polarization (PubMed:<a href="http://www.uniprot.org/citations/15182672" target="\_blank">15182672</a>, PubMed:<a href="http://www.uniprot.org/citations/16344308" target="\_blank">16344308</a>, PubMed:<a href="http://www.uniprot.org/citations/16965391" target="\_blank">16965391</a>, PubMed:<a href="http://www.uniprot.org/citations/18641685" target="\_blank">18641685</a>, PubMed:<a href="http://www.uniprot.org/citations/18716323" target="\_blank">18716323</a>, PubMed:<a href="http://www.uniprot.org/citations/19041750" target="\_blank">19041750</a>, PubMed:<a href="http://www.uniprot.org/citations/27380321" target="\_blank">27380321</a>). Via its interaction with CRTAM, required for the late phase polarization of a subset of CD4+ T-cells, which in turn regulates TCR-mediated proliferation and IFNG and IL22 production (By similarity). Plays a role in cell directional movement, cell orientation, cell sheet organization and Golgi complex polarization at the cell migration front (By similarity). Promotes epithelial cell layer barrier function via maintaining cell-cell adhesion (By similarity). Most probably functions in the establishment of apico- basal cell polarity (PubMed:<a href="http://www.uniprot.org/citations/16344308" target="\_blank">16344308</a>, PubMed:<a href="http://www.uniprot.org/citations/19041750" target="\_blank">19041750</a>). 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 (PubMed:<a href="http://www.uniprot.org/citations/16965391" target="\_blank">16965391</a>, PubMed:<a href="http://www.uniprot.org/citations/19041750" target="\_blank">19041750</a>). May regulate cell invasion via MAPK-mediated cell migration and adhesion (PubMed:<a href="http://www.uniprot.org/citations/18641685" target="\_blank">18641685</a>, PubMed:<a href="http://www.uniprot.org/citations/18716323" target="\_blank">18716323</a>). May play a role in exocytosis and in the targeting of synaptic vesicles to synapses (PubMed:<a href="http://www.uniprot.org/citations/15182672" target="\_blank">15182672</a>). Functions as an activator of Rac GTPase activity (PubMed:<a href="http://www.uniprot.org/citations/15182672" target="\_blank">15182672</a>).

### Cellular Location

Cell membrane; Peripheral membrane protein. Cell junction. Cell junction, adherens junction. Cell projection, lamellipodium. Cytoplasm. Postsynapse. Presynapse. Note=Targeting to cell-cell junctions which is CDH1-dependent is required for the pro-apoptotic activity. In a subset of CD4+ T-cells, colocalizes with CRTAM at the immunological synapse during the late phase of T-cell activation (By similarity) Localized to small puncta throughout the cytoplasm and cell membrane when in the presence of SNAIL1 (By similarity). Localized along the length of perinuclear emanating vimentin bundles and at vimentin- positive fibrils at the cell periphery (PubMed:19386766). Localized to the lateral plasma membrane during the establishment and maturation of cell-cell contacts (PubMed:19386766) {ECO:0000250|UniProtKB:A0A8P0N4K0, ECO:0000250|UniProtKB:Q80U72, ECO:0000269|PubMed:19386766}

### Tissue Location

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

## Goat anti-SCRIB / Scribble Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Goat anti-SCRIB / Scribble Antibody - Images**