

Datasheet: AHP3011

Description:	GOAT ANTI SCRIB
Specificity:	SCRIB
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			3 µg/ml - 0.5 µg/ml
Immunofluorescence	▪			10 µg/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antisera to human SCRIB were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution TRIS buffered saline

Preservative 0.02% Sodium Azide
Stabilisers 0.5% Bovine Serum Albumin

Approx. Protein Concentrations IgG concentration 0.5 mg/ml

Immunogen Peptide with sequence C-PEGPGKEKELPGQ, from the internal region of the protein sequence according to NP_874365.3; NP_056171.3.

Specificity **Goat anti Human SCRIB antibody** recognizes protein scribble homolog, also known as

Scribble, CRIB1, KIAA0147, LAP4, SCRIB1, and VARTUL.

SCRIB is a scaffold protein responsible for correct apical-basal cell polarity of the epithelial tissues ([Kapil et al., 2017](#)). Appropriate polarity is important for cell migration and morphogenesis during development, and for wound healing in adult tissue. SCRIB also plays an important role in preventing cancer progression. Loss of SCRIB function disrupts apical-basal polarity and junctional integrity, and causes inappropriate proliferation which results in overgrowth of tissues. Overexpression of SCRIB has been found in tumors of the colon, breast, lung, ovary and prostate ([Ono et al., 2015](#)). Correct SCRIB function depends on its localization to the plasma membrane, with mislocalization promoting invasion of cells through the extracellular matrix ([Sun et al., 2017](#)). Accordingly, SCRIB can be found in the cytoplasm in some tumor types, and even in the nucleus in hepatocellular carcinoma and liver tumors ([Kapil et al., 2017](#)). In *Drosophila*, SCRIB has been found to orchestrate an intracellular signaling process for forgetting information ([Cervantes-Sandoval et al., 2016](#)).

Western Blotting	Goat anti Human SCRIB antibody detects a band of approximately 200 to 250 kDa in cell lysates.
Storage	Store at -20°C only. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP3011 10058
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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