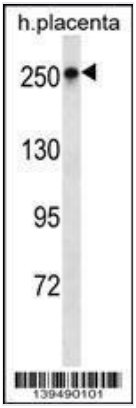
SCRIB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SCRIB, Polyclonal Antibody
Full Product Name	SCRIB, NT (SCRIB, CRIB1, KIAA0147, LAP4, SCRB1, VARTUL, Protein scribble homolog, Protein LAP4)
Product Gene Name	anti-SCRIB antibody
Product Synonym Names	Anti -SCRIB, NT (SCRIB, CRIB1, KIAA0147, LAP4, SCRB1, VARTUL, Protein scribble homolog, Protein LAP4)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	174,885 Da
Chromosome Location	Chromosome: 8; NC_000008.10 (144873090..144897890, complement). Location: 8q24.3
OMIM	182940
3D Structure	ModBase 3D Structure for Q14160
Immunogen	SCRIB antibody is generated from rabbits immunized with a KLH conjugated synthetic between 381-410 amino acids selected from the N-terminal region of human SCRIB.
Product Categories/Family for anti-SCRIB antibody	Antibodies; Abs to KIAA; orf
Applications Tested/Suitable for anti-SCRIB antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-SCRIB antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-SCRIB antibody	SCRIB is a cytoplasmic multimodular scaffold protein targeted to epithelial adherens junctions and neuronal presynaptic compartments. SCRIB and its orthologs in vertebrates and invertebrates participate in cell polarization (summary by Nola et al., 2008 [PubMed 18716323]).
Other Notes	Small volumes of anti-SCRIB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SCRIB purchase	MBS6003231 is an antibody targeting SCRIB. Also known as SCRIB, NT (SCRIB, CRIB1, KIAA0147, LAP4, SCRB1, VARTUL, Protein scribble homolog, Protein LAP4). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-SCRIB antibody
SCRIB Antibody (N-term) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the SCRIB antibody detected the SCRIB protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCRIB. It may not necessarily be applicable to this product.

NCBI GI #	40226538
NCBI GeneID	23513
NCBI Accession #	AAH09490.2
UniProt Primary Accession #	Q14160
UniProt Secondary Accession #	Q6P496; Q7Z5D1; Q8WWV8; Q96C69; Q96GG1
UniProt Related Accession #	Q14160
NCBI Official Full Name	SCRIB protein, partial
NCBI Official Synonym Full Names	scribbled planar cell polarity protein
NCBI Official Symbol	SCRIB
NCBI Official Synonym Symbols	CRIB1; SCRB1; SCRIB1; Vartul
UniProt Protein Name	Protein scribble homolog
UniProt Synonym Protein Names	Protein LAP4
Protein Family	Protein
UniProt Gene Name	SCRIB
UniProt Synonym Gene Names	CRIB1; KIAA0147; LAP4; SCRB1; VARTUL; Scribble; hScrib
UniProt Entry Name	SCRIB_HUMAN
NCBI Protein Information	protein scribble homolog; scribbled homolog
NCBI Summary for SCRIB	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]

UniProt Comments for SCRIB	Scribble: may be involved in regulating neuroblast cortical polarity, cell size asymmetry and mitotic spindle asymmetry. A neoplastic tumor suppressor genes in Drosophila melanogaster. May play a role in the suppression of mammalian tumorigenesis. Gene ablation in the mouse causes severe neural tube defects. May be implicated in the etiology of human NTDs. Involved in the regulation of synaptic plasticity and synaptic vesicle dynamics. May be required to sustain synaptic vesicle concentrations at their sites of release. Targeted for ubiquitin-mediated degradation by the HPV E6 oncoprotein. Protein type: Motility/polarity/chemotaxis; Cell adhesion Chromosomal Location of Human Ortholog: 8q24.3 Cellular Component: nucleoplasm; presynaptic membrane; postsynaptic membrane; cell-cell adherens junction; lamellipodium; basolateral plasma membrane; leading edge; plasma membrane; intercellular junction Molecular Function: protein binding Biological Process: cell migration; viral reproduction; wound healing; positive regulation of apoptosis; establishment of apical/basal cell polarity; cochlear nucleus development; asymmetric protein localization; cell proliferation; cell-cell adhesion; positive chemotaxis; neural tube closure; synaptic vesicle endocytosis; negative regulation of mitotic cell cycle; auditory receptor cell stereocilium organization and biogenesis; synaptic vesicle targeting; positive regulation of receptor recycling; astrocyte cell migration
Research Articles on SCRIB	**1.** results demonstrate that hScrib acts as a scaffold to integrate the control of the PP1gamma and ERK signaling pathways and explains how disruption of hScrib localisation can contribute towards the development of human malignancy
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