

Datasheet for ABIN7354660

anti-SCRIB antibody (AA 172-409) (DyLight 488)



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Overview

Quantity:	100 µg
Target:	SCRIB
Binding Specificity:	AA 172-409
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCRIB antibody is conjugated to DyLight 488
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	E. coli-derived human SCRIBBLE recombinant protein (Position: F172-K409).
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG Polyclonal Anti-Human SCRIBBLE Antibody DyLight® 488 Conjugated, Flow Validated.

Target Details

Target:	SCRIB
Alternative Name:	SCRIB (SCRIB Products)
Background:	Synonyms: Protein scribble homolog, Scribble, hScrib, Protein LAP4, SCRIB, CRIB1, KIAA0147, LAP4, SCRB1, VARTUL Tissue Specificity: Expressed in kidney, skeletal muscles, liver, lung, breast, intestine, placenta

Target Details

and skin mainly in epithelial cells (at protein level).

Background: SCRIB, also known as Scribble, SCRIBL, or Scribbled homolog (Drosophila), is a scaffold protein which in humans is encoded by the SCRIB gene. In Drosophila melanogaster, SCRIB is involved in synaptic function, neuroblast differentiation, and epithelial polarization. Mechanistically, the human homolog is a scaffold protein linked to cellular differentiation centered on the regulation of epithelial as well as neuronal morphogenesis. Deficiency in SCRIB impairs many aspects of cell polarity and cell movement. SCRIB is also likely involved in establishing apical-basal polarity as well as progression from the G1 phase to S phase in the cell cycle as a result of its relationship with cell proliferation and exocytosis.

UniProt:	Q14160
Pathways:	Cell-Cell Junction Organization , Production of Molecular Mediator of Immune Response , Tube Formation , Synaptic Vesicle Exocytosis , Asymmetric Protein Localization

Application Details

Application Notes:	Application Details: Flow Cytometry, 1-3 µg/1x10 ⁶ cells
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg NaN ₃ .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	At 2-8°C for one year. Protect from light. Do not freeze.