

SHRM3 Rabbit pAb

CatalogNo: YN4245

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 220kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human SHRM3 AA range: 777-827

Specificity

This antibody detects endogenous levels of SHRM3 at Human/Mouse

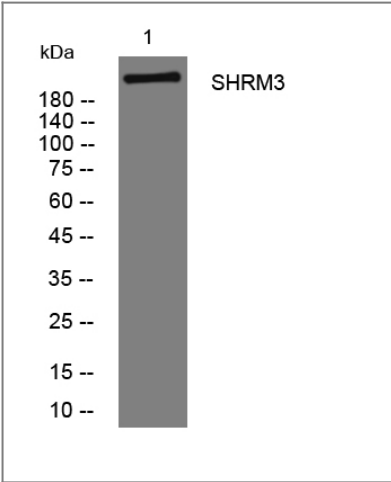
Target Information

Gene name

SHROOM3 KIAA1481 SHRML MSTP013

Protein Name	SHRM3		
	Organism	Gene ID	UniProt ID
	Human	57619;	Q8TF72;
	Mouse	27428;	Q9QXN0;
Cellular Localization	Cell junction, adherens junction . Cytoplasm, cytoskeleton . Apical cell membrane ; Peripheral membrane protein . Colocalizes with F-actin in stress fibers and adherens junctions. .		
Function	Domain:The ASD1 domain mediates F-actin binding.,Domain:The ASD2 domain is required for apical constriction induction.,Function:Controls cell shape changes in the neuroepithelium during neural tube closure. Induces apical constriction in epithelial cells by promoting the apical accumulation of F-actin and myosin II, and probably by bundling stress fibers. Induces apicobasal cell elongation by redistributing gamma-tubulin and directing the assembly of robust apicobasal microtubule arrays.,similarity:Belongs to the shroom family.,similarity:Contains 1 ASD1 domain.,similarity:Contains 1 ASD2 domain.,similarity:Contains 1 PDZ (DHR) domain.,subcellular location:Colocalizes with F-actin in stress fibers and adherens junctions.,subunit:Interacts with F-actin.,		

Validation Data



Western blot analysis of lysates from HuvEc cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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