



SHRM3 rabbit pAb

Catalog No	BYab-09085
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	SHROOM3 KIAA1481 SHRML MSTP013
Protein Name	SHRM3
Immunogen	Synthesized peptide derived from human SHRM3 AA range: 777-827
Specificity	This antibody detects endogenous levels of SHRM3 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cell junction, adherens junction . Cytoplasm, cytoskeleton . Apical cell membrane ; Peripheral membrane protein . Colocalizes with F-actin in stress fibers and adherens junctions. .
Tissue Specificity	
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.,

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Background	This gene encodes a PDZ-domain-containing protein that belongs to a family of Shroom-related proteins. This protein may be involved in regulating cell shape in certain tissues. A similar protein in mice is required for proper neurulation. [provided by RefSeq, Jan 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

