

MKS3 Rabbit pAb

CatalogNo: YN5769

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 109kD (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 MKS3

Specificity This antibody detects endogenous levels of MKS3 at Human, Mouse, Rat

Target Information

Gene name TMEM67 MKS3

Protein Name	Meckelin (Meckel syndrome type 3 protein) (Transmembrane protein 67)		
	Organism	Gene ID	UniProt ID
	Human	91147;	Q5HYA8;
	Mouse	329795;	Q8BR76;
	Rat		P0C152;
Cellular Localization	Cell membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Cell projection, cilium . Cytoplasm, cytoskeleton, cilium basal body . Localizes at the transition zone, a region between the basal body and the ciliary axoneme (PubMed:22121117). .		
Tissue specificity	Widely expressed in adult and fetal tissues. Expressed at higher level in spinal cord.		
Function	Required for ciliary structure and function. Part of the tectonic-like complex which is required for tissue-specific ciliogenesis and may regulate ciliary membrane composition (By similarity). Involved in centrosome migration to the apical cell surface during early ciliogenesis. Involved in the regulation of cilia length and appropriate number through the control of centrosome duplication. Required for cell branching morphology. Essential for endoplasmic reticulum-associated degradation (ERAD) of surfactant protein C (SFTPC).		

| Validation Data

| Contact information

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