

Septin 7 Rabbit mAb

Catalog # AP76069

Product Information

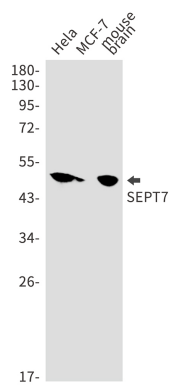
Application	WB, ICC
Primary Accession	Q16181
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	50680

Additional Information

Gene ID	989
Other Names	SEPTIN7
Dilution	WB~~1/500-1/1000 ICC~~N/A
Format	Liquid

Protein Information

Name	SEPTIN7 (HGNC:1717)
Synonyms	CDC10, SEPT7
Function	Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Required for normal progress through mitosis. Involved in cytokinesis. Required for normal association of CENPE with the kinetochore. Plays a role in ciliogenesis and collective cell movements. Forms a filamentous structure with SEPTIN12, SEPTIN6, SEPTIN2 and probably SEPTIN4 at the sperm annulus which is required for the structural integrity and motility of the sperm tail during postmeiotic differentiation (PubMed: 25588830).
Cellular Location	Cytoplasm. Chromosome, centromere, kinetochore Cytoplasm, cytoskeleton, spindle Cleavage furrow. Midbody. Cytoplasm, cytoskeleton, cilium axoneme. Cell projection, cilium, flagellum. Note=Distributed throughout the cytoplasm in prometaphase cells. Associated with the spindle during metaphase. Associated with the central spindle and at the cleavage furrow in anaphase cells. Detected at the midbody in telophase Associated with actin stress fibers (By similarity). Found in the sperm annulus (PubMed:25588830). {ECO:0000250, ECO:0000269 PubMed:25588830}
Tissue Location	Widely expressed..



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