

# Septin 6 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51851

## Product Information

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Application	WB
Primary Accession	<a href="#">Q14141</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49717

## Additional Information

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Gene ID	23157
Other Names	Septin-6, SEPT6, KIAA0128, SEP2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Septin 6. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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Name	SEPTIN6 ( <a href="#">HGNC:15848</a> )
Synonyms	KIAA0128, SEP2, SEPT6
Function	Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Involved in cytokinesis. May play a role in HCV RNA replication. 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: <a href="#">25588830</a> ).
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton, spindle Chromosome, centromere, kinetochore Cleavage furrow. Midbody. Cell projection, cilium, flagellum. Note=In metaphase cells, localized within the microtubule spindle. At the metaphase plate, in close apposition to the kinetochores of the congressed chromosomes. In cells undergoing cytokinesis, localized to the midbody, the ingressing cleavage furrow, and the central spindle. Found in the sperm annulus (PubMed:25588830).

**Tissue Location**

Widely expressed..

**Background**

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Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Involved in cytokinesis. May play a role in HCV RNA replication.

**References**

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Ross M.T.,et al.Nature 434:325-337(2005).

Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).

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Hall P.A.,et al.J. Pathol. 206:269-278(2005).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.