

Septin 6 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51851**Specification**

Septin 6 Antibody - Product Information

Application	WB, E
Primary Accession	Q14141
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50 KDa

Septin 6 Antibody - Additional Information**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

E~~N/A

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

Septin 6 Antibody - Protein Information**Name** SEPTIN6 ([HGNC:15848](#))**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:25588830).

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..

Septin 6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Septin 6 Antibody - Images**Septin 6 Antibody - Background**

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Septin 6 Antibody - References

Ono R.,et al.Cancer Res. 62:333-337(2002).
Ross M.T.,et al.Nature 434:325-337(2005).
Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).
Nagase T.,et al.DNA Res. 2:167-174(1995).
Hall P.A.,et al.J. Pathol. 206:269-278(2005).