

**Goat anti-SEPT6, Biotinylated Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4478a****Specification**

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**Goat anti-SEPT6, Biotinylated Antibody - Product Information**

Application	WB, Pep-ELISA
Primary Accession	<a href="#">Q14141</a>
Other Accession	<a href="#">NP_665798.1</a> , <a href="#">NP_055944.2</a> , <a href="#">NP_665801.1</a>
Reactivity	Human, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	49717

**Goat anti-SEPT6, Biotinylated Antibody - Additional Information****Gene ID** 23157**Other Names**

SEPT6; septin 6; KIAA0128; MGC16619; MGC20339; SEP2; SEPT2; septin 2

**Dilution**

WB~~1:1000

Pep-ELISA~~N/A

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.  
Aliquot and store at -20°C. Minimize freezing and thawing.

**Immunogen**

This antibody is expected to recognize the reported isoforms NP\_665798.1, NP\_055944.2 and NP\_665801.1. Reported variants NP\_665799.1 and NP\_665798.1 represent identical protein.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-SEPT6, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-SEPT6, Biotinylated 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:<a href="http://www.uniprot.org/citations/25588830" target="\_blank">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..

**Goat anti-SEPT6, Biotinylated 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](#)

**Goat anti-SEPT6, Biotinylated Antibody - Images**