

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

Goat anti-SEPT6, Biotinylated Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	Q14141
Other Accession	NP_665798.1 , NP_055944.2 , NP_665801.1
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: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..

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