

Anti-SEPT9 antibody



Description Unconjugated Rabbit polyclonal to 40057

Model STJ192907

Host Rabbit

Applications ELISA, WB

 Gene ID
 10801

 Gene Symbol
 40057

Dilution range WB 1:500-2000 ELISA 1:5000-20000

Specificity SEPT9 Polyclonal Antibody detects endogenous levels of protein.

Tissue Specificity Widely expressed. Isoforms are differentially expressed in testes, kidney, liver

heart, spleen, brain, peripheral blood leukocytes, skeletal muscle and kidney. Specific isoforms appear to demonstrate tissue specificity. Isoform 5 is the most highly expressed in fetal tissue. Isoform 1 is detected in all tissues except the brain and thymus, while isoform 2, isoform 3, and isoform 4 are detected

at low levels in approximately half of the fetal tissues.

Purification SEPT9 antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Septin-9 MLL septin-like fusion protein MSF-A MLL septin-like fusion

protein Ovarian/Breast septin Ov/Br septin Septin D1

Molecular Weight 64 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:7323OMIM:162100</u>

Alternative Names Septin-9 MLL septin-like fusion protein MSF-A MLL septin-like fusion

protein Ovarian/Breast septin Ov/Br septin Septin D1

Function Filament-forming cytoskeletal GTPase . May play a role in cytokinesis

(Potential). May play a role in the internalization of 2 intracellular microbial

pathogens, Listeria monocytogenes and Shigella flexneri.

Cytoplasm, cytoskeleton. In an epithelial cell line, concentrates at cell-cell

contact areas. After TGF-beta1 treatment and induction of epithelial to mesenchymal transition, colocalizes partly with actin stress fibers. During bacterial infection, displays a collar shape structure next to actin at the pole of

invading bacteria.

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