

## Goat anti-Septin 1 / SEPT1 Antibody

Item Number	dAP-0932
Target Molecule	Principle Name: Septin 1 / SEPT1; Official Symbol: SEPT1; All Names and Symbols: SEPT1; septin 1 ; DIFF6; LARP; MGC20394; PNUTL3; SEP1 ; differentiation 6 (deoxyguanosine triphosphate triphosphohydrolase); serologically defined breast cancer antigen NY-BR-24; Accession Number (s): NP_443070.1; Human Gene ID(s): 1731; Non-Human GeneID(s): 54204 (mouse) 293507 (rat)
Immunogen	GARDRASRSKLSRQ, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 45kDa band observed in lysates of cell line Jurkat (calculated MW of 42.0kDa according to NP_443070.1). Recommended concentration: 2-4µg/ml.
IHC	
Reference	Reference(s): Qi M, Yu W, Liu S, Jia H, Tang L, Shen M, Yan X, Saiyin H, Lang Q, Wan B, Zhao S, Yu L. Septin1, a new interaction partner for human serine/threonine kinase aurora-B. <i>Biochem Biophys Res Commun.</i> 2005 Oct 28;336(3):994-1000. .PMID: 16179162 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**