

Goat anti-SEPT7 Antibody

Item Number	dAP-1635
Target Molecule	Principle Name: SEPT7; Official Symbol: Sep-07; All Names and Symbols: SEPT7; septin 7; CDC10; CDC3; Nbla02942; SEPT7A; CDC10 (cell division cycle 10, S. cerevisiae, homolog); CDC10 cell division cycle 10 homolog; cell division cycle 10; Accession Number (s): NP_001779.3; NP_001011553.2; NP_001229885.1; Human Gene ID(s): 989; Non-Human GeneID(s): 235072 (mouse) 64551 (rat)
Immunogen	DNNKNKGQLTKSP, is from internal region This antibody is expected to recognize all three reported isoforms (NP_001779.3; NP_001011553.2; NP_001229885.1).
Applications	Pep ELISA, WB Species Tested: Human
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 nuclear lysates of cell line HeLa (calculated MW of 50.7kDa according to NP_001779.3 and of 55.6kDa according to NP_001011553.2). The observed molecular weight corresponds to earlier findings with different ant
IHC	
Reference	Reference(s): Kremer BE, Adang LA, Macara IG. Septins regulate actin organization and cell-cycle arrest through nuclear accumulation of NCK mediated by SOCS7. Cell. 2007 Sep 7;130(5):837-50..PMID: 17803907->

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 ender users! This product is sold for **Research Use Only**