

Goat anti-SEPT4 (aa33-44) Antibody

Item Number	dAP-2242
Target Molecule	Principle Name: SEPT4 (aa33-44); Official Symbol: SEPT4; All Names and Symbols: SEPT4; septin 4; ARTS; BRADEION; CE5B3; H5; MART; PNUTL2; SEP4; hCDCREL-2; hucep-7; cell division control-related protein 2; cerebral protein 7; peanut-like 2; septin-M; Accession Number (s): NP_004565.1; NP_536340.1; NP_536341.1; NP_001185642.1; Human Gene ID(s): 5414; Non-Human GeneID(s): 18952 (mouse)
Immunogen	ELSKFVKDFSGN, is from internal region This antibody is expected to recognize all reported isoforms (NP_004565.1; NP_536340.1; NP_536341.1, NP_001185642.1). Amino acid numbering in name refers to NP_004565.1 sequence.
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 16000.
Western Blot	Western Blot: Approx 52kDa band observed in Human Brain (Cerebellum) and Mouse Brain lysates (calculated MW of 53.0kDa according to NP_536341.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Lhuillier P, Rode B, Escalier D, Lorès P, Dirami T, Bienvenu T, Gacon G, Dulioust E, Touré A Absence of annulus in human asthenozoospermia: case report. Human reproduction (Oxford, England) 2009 Jun 24 (6): 1296-303..PMID: 19221096->

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**