

## Goat anti-SEPT4 (aa425-435) Antibody

<b>Item Number</b>	dAP-2243
<b>Target Molecule</b>	Principle Name: SEPT4 (aa425-435); 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_536341.1, NP_001185642.1; Human Gene ID(s): 5414; Non-Human GenelD(s): 18952 (mouse)
<b>Immunogen</b>	RNKLTRESGTD, is from internal region This antibody is expected to recognize isoform 1 (NP_004565.1), 3 (NP_536341.1) and 4 (NP_001185642.1). Amino acid numbering in name refers to NP_004565.1 sequence.
<b>Applications</b>	Pep ELISA, WB
	Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 50kDa band observed in Human and Mouse Heart lysates (calculated MW of 55.1kDa according to NP_004565.1 and 53.0kDa according to NP_536341). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lhuillier P, Rode B, Escalier D, Lorès P, Dirami T, Bienvenu T, Gacon G, Duloust 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 end users! This product is sold for **Research Use Only**