

Goat anti-Septin 3 Antibody

Item Number	dAP-0081
Target Molecule	Principle Name: Septin 3; Official Symbol: SEPT3; All Names and Symbols: SEPT3; septin 3; SEP3; CTA-250D10.3; MGC133218; bK250D10.3; OTTHUMP00000028742; neuronal-specific septin 3; G-Septin; Accession Number (s): NP_663786.1; NP_061979.3; Human Gene ID(s): 55964; Non-Human GeneID(s): 24050 (mouse)
Immunogen	SELVPEPRPKPA, is from N Terminus This antibody is expected to recognize both reported isoforms according to NP_663786.1 and NP_061979.3.
Applications	Pep ELISA, WB, IHC 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 40kDa band seen in Human Brain lysate. Recommended for use at 0.5-2µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex) and (Cerebellum) and Testis. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Xue J, Tsang CW, Gai WP, Malladi CS, Trimble WS, Rostas JA, Robinson PJ. Septin 3 (G-septin) is a developmentally regulated phosphoprotein enriched in presynaptic nerve terminals. J Neurochem. 2004 Nov;91(3):579-90..PMID: 15485489->

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**