

Goat anti-SEPT2 Antibody

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| Item Number | dAP-1626 |
| Target Molecule | Principle Name: SEPT2; Official Symbol: SEPT2; All Names and Symbols: SEPT2; septin 2; DIFF6; KI-AA0158; NEDD5; Pnutl3; hNedd5; neural precursor cell expressed, developmentally down-regulated 5; Accession Number (s): NP_001008491.1; Human Gene ID(s): 4735; Non-Human GeneID(s): 18000 (mouse) 117515 (rat) |
| Immunogen | SKQQPTQFINPET, is from N terminus Reported variants represent identical protein: NP_001008492.1, NP_006146.1, NP_004395.1, NP_001008491.1. |
| 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 observed in Human Testis lysates (calculated MW of 41.5kDa according to NP_001008491.1). Recommended concentration: 0.05-0.2µg/ml. Primary incubation was 1 hour. |
| IHC | Immunohistochemistry: Paraffin embedded Human Breast, Tonsil and Brain (Cortex). Recommended concentration: 2.5µg/ml. |
| 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**