

Goat anti-Wilms tumor 1 / WT1 Antibody

Item Number	dAP-0911
Target Molecule	Principle Name: Wilms tumor 1 / WT1; Official Symbol: WT1; All Names and Symbols: WT1; Wilms tumor 1; GUD; WAGR; WIT-2; WT33 ; Accession Number (s): NP_000369.3; NP_077742.2; NP_077743.2; NP_077744.3; Human Gene ID(s): 7490; Non-Human GeneID(s):
Immunogen	QDPASTCVPEPASQH, is from N Terminus This antibody is expected to recognise all four reported isoforms (NP_000369.3, NP_077742.2, NP_077743.2, NP_077744.3).
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 55kDa band observed in Human Kidney, Spleen and Testis lysates (calculated MW of 54.3kDa according to NP_000369.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Rao MK, Pham J, Imam JS, MacLean JA, Murali D, Furuta Y, Sinha-Hikim AP, Wilkinson MF. Tissue-specific RNAi reveals that WT1 expression in nurse cells controls germ cell survival and spermatogenesis. Genes Dev. 2006 Jan 15;20(2):147-52. .PMID: 16418481 ->

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**