

Goat anti-WNT4 Antibody

Item Number	dAP-0415
Target Molecule	Principle Name: WNT4; Official Symbol: WNT4; All Names and Symbols: WNT4; wingless-type MMTV integration site family, member 4; WNT-4; WNT-4 protein precursor; RP1-224A6.7; SERKAL; WNT-4 protein; Accession Number (s): NP_110388.2; Human Gene ID(s): 54361; Non-Human GeneID(s): 22417 (mouse)
Immunogen	SNWLYLAKLSSVGS, is from internal region
Applications	Pep ELISA, WB, IF 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 4000.
Western Blot	Western Blot: Approx 40+35kDa band observed in lysates of cell line Jurkat (calculated MW of 39.1kDa according to NP_110388.2). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature. Negative Control: U937
IHC	
Reference	Reference(s): Huguet EL, McMahon JA, McMahon AP, Bicknell R, Harris AL. Differential expression of human Wnt genes 2, 3, 4, and 7B in human breast cell. <i>Cancer Res.</i> 1994 May;54(10):2615-21.. PMID: 8168088->

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**