

Goat anti-prealbumin / transthyretin (aa62-74) Antibody

Item Number	dAP-2994
Target Molecule	Principle Name: prealbumin / transthyretin (aa62-74); Official Symbol: TTR; All Names and Symbols: TTR; transthyretin; CTS; CTS1; HsT2651; PALB; TBPA; ATTR; carpal tunnel syndrome 1; prealbumin, amyloidosis type I; thyroxine-binding prealbumin; Accession Number (s): NP_000362.1; Human Gene ID(s): 7276; Non-Human GeneID(s):
Immunogen	EPFASGKTSSEGE, is from internal region
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 128000.
Western Blot	Western Blot: Approx 16kDa band observed in Human Albumin-depleted Serum (calculated MW of 15.9kDa according to NP_000362.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Koike H, Tanaka F, Hashimoto R, Tomita M, Kawagashira Y, Iijima M, Fujitake J, Kawanami T, Kato T, Yamamoto M, Sobue G. Natural history of transthyretin Val30Met familial amyloid polyneuropathy: analysis of late-onset cases from non-endemic areas. J Neurol Neurosurg Psychiatry. 2012 Feb;83

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**