

Goat anti-Prealbumin / Transthyretin Antibody

Item Number	dAP-0862
Target Molecule	Principle Name: Prealbumin / Transthyretin; Official Symbol: TTR; All Names and Symbols: TTR; transthyretin (prealbumin, amyloidosis type I); HGNC:12405; HsT2651; PALB; TBPA; prealbumin; transthyretin; Accession Number (s): NP_000362.1; Human Gene ID(s): 7276; Non-Human GeneID(s): 22139 (mouse) 24856 (rat)
Immunogen	YKVEIDTKSYWK, is from internal region
Applications	Pep ELISA, IHC, EIA 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 1000.
Western Blot	Western Blot: Preliminary experiments gave an approx 20-22kDa band in Human Heart, Kidney, Liver, Lung, Placenta and Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we
IHC	Immunohistochemistry: Paraffin embedded Human Pancreas. Recommended concentration: 10µg/ml.
Reference	Reference(s): Sekijima Y, Wiseman RL, Matteson J, Hammarstrom P, Miller SR, Sawkar AR, Balch WE, Kelly JW. The biological and chemical basis for tissue-selective amyloid disease. Cell. 2005 Apr 8;121(1):73-85. .PMID: 15820680 ->

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**