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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07248 - Goat Anti-Prealbumin / Transthyretin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TTR, transthyretin (prealbumin, amyloidosis type I), HGNC:12405, HsT2651, PALB, TBPA, prealbumin, transthyretin

Official Symbol: TTR

Accession Number(s): NP_000362.1

Human GeneID(s): [7276](#)

Non-Human GeneID(s): 22139 (mouse), 24856 (rat)

Immunogen

Peptide with sequence C-YKVEIDTKSYWK, from the internal region of the protein sequence according to NP_000362.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

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 observe given the calculated size of 15.9kDa according to NP_000362.1. The 20-22kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Pancreas. Recommended concentration: 10µg/ml.

Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant TTR captured by a rabbit antibody. Recommended reporter concentration: 5-10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

EB07248 (10µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB07248 (5ug/ml) as the reporter with EB002019 as the capture rabbit antibody (5ug/ml).