

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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).