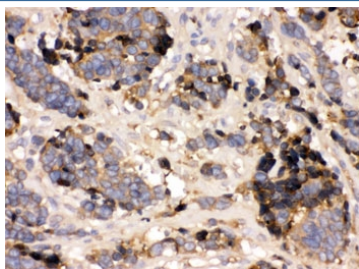


Transthyretin Antibody / TTR / Prealbumin (R31870)

Catalog No.	Formulation	Size
R31870	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P02766
Localization	Cytoplasmic, membrane
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Transthyretin antibody is available for research use only.



IHC testing of FFPE human lung cancer tissue with Transthyretin antibody. HIER: Boil the paraffin sections in pH 8 EDTA buffer for 20 minutes and allow to cool prior to staining.



Western blot testing of human 1) placenta and 20 HCCP cell lysate with Transthyretin antibody. Expected molecular weight ~16 kDa.

Description

Transthyretin (TTR) is also known as prealbumin. It is mapped to chromosome region 18q11.2-q12.1. This gene encodes a carrier protein responsible for the transport of thyroid hormones and retinol. The protein consists of a tetramer of identical subunits. Due to increased stability of the tetramer form of this encoded protein in mouse, compared to the human protein, this gene product has a reduced tendency to form amyloid fibrils. In humans, this protein binds beta-amyloid preventing its aggregation and providing a neuroprotective role in Alzheimer's disease.

Application Notes

Optimal dilution of the Transthyretin antibody should be determined by the researcher.

Immunogen

Amino acids 21-147 of human TTR were used as the immunogen for the Transthyretin antibody.

Storage

After reconstitution, the Transthyretin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.