

## Prealbumin Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04274
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human Prealbumin
<b>Mol wt</b>	16170
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Prealbumin
<b>Synonyms</b>	Prealbumin; Transthyretin; ATTR; Prealbumin; TBPA

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene encodes transthyretin| one of the three prealbumins including alpha-1-antitrypsin| transthyretin and orosomucoid. Transthyretin is a carrier protein; it transports thyroid hormones in the plasma and cerebrospinal fluid| and also transports retinol (vitamin A) in the plasma. The protein consists of a tetramer of identical subunits. More than 80 different mutations in this gene have been reported; most mutations are related to amyloid deposition| affecting predominantly peripheral nerve and/or the heart| and a small portion of the gene mutations is non-amyloidogenic. The diseases caused by mutations include amyloidotic polyneuropathy| euthyroid hyperthyroxinaemia| amyloidotic vitreous opacities| cardiomyopathy| oculoleptomeningeal amyloidosis| meningocerebrovascular amyloidosis| carpal tunnel syndrome| etc.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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