

## Prealbumin Conjugated Antibody

Catalog No: #C49356



Package Size: #C49356-AF350 100ul #C49356-AF405 100ul #C49356-AF488 100ul  
 #C49356-AF555 100ul #C49356-AF594 100ul #C49356-AF647 100ul  
 #C49356-AF680 100ul #C49356-AF750 100ul #C49356-Biotin 100ul

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 Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Prealbumin Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Amyloid polyneuropathy antibody Amyloidosis I antibody ATTR antibody Carpal tunnel syndrome 1 antibody CTS antibody CTS1 antibody Dysprealbuminemic euthyroidal hyperthyroxinemia antibody Dystransthyretinemic hyperthyroxinemia antibody Epididymis luminal protein 111 antibody HEL111 antibody HsT2651 antibody PALB antibody Prealbumin amyloidosis type I antibody Prealbumin antibody Prealbumin Thyroxine-binding antibody Senile systemic amyloidosis antibody TBPA antibody Thyroxine binding prealbumin antibody Transthyretin antibody TTHY_HUMAN antibody TTR antibody TTR protein antibody
Accession No.	Swiss-Prot#:P02766
Uniprot	P02766
GeneID	7276;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	16 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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Prealbumin, also designated transthyretin, is a major thyroid-hormone binding protein involved in transporting thyroxine from the bloodstream to the brain. Prealbumin is located in the cytoplasm and in the vesicles of developing rat brain cells, and is thought to be transported there from the cerebrospinal fluid via endocytosis. Sequence variants of this protein have been identified in amyloid fibrils from patients with familial amyloidotic polyneuropathy (FAP), the most common form of hereditary systemic amyloidosis. Although the biologically active form of Prealbumin is a tetramer, the amyloidogenic intermediate is thought to be a monomeric species. Prealbumin also binds to the retinol carrier protein RBP (retinol-binding protein). The gene encoding Prealbumin maps to human chromosome 18q12.1.

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Note: This product is for in vitro research use only