

## SERPINA7 Antibody

Catalog No: #42780

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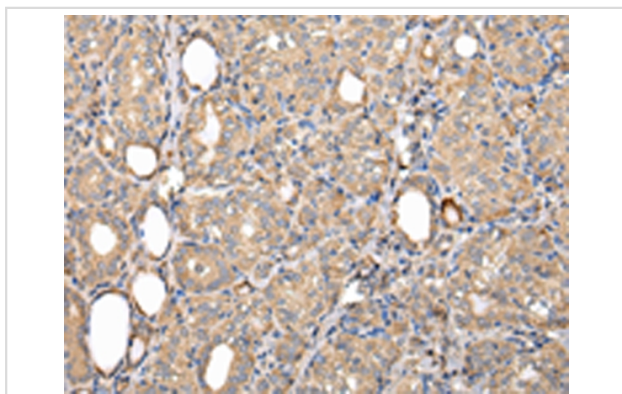
## Description

Product Name	SERPINA7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SERPINA7 protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein of human SERPINA7
Target Name	SERPINA7
Other Names	TBG
Accession No.	Swiss-Prot#: P05543 Gene ID: 6906
Uniprot	P05543
GeneID	6906;
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

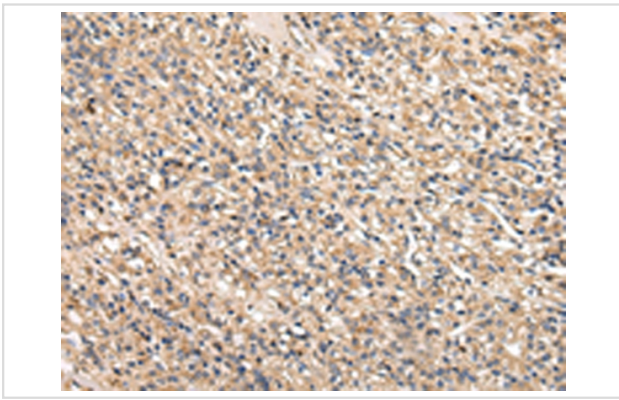
## Application Details

Immunohistochemistry: 1:30-1:150

## Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #42780 at dilution 1/25.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #42780 at dilution 1/25.

## Background

There are three proteins including thyroxine-binding globulin (TBG), transthyretin and albumin responsible for carrying the thyroid hormones thyroxine (T4) and 3,5,3'-triiodothyronine (T3) in the bloodstream. This gene encodes the major thyroid hormone transport protein, TBG, in serum. It belongs to the serpin family in genomics, but the protein has no inhibitory function like many other members of the serpin family. Mutations in this gene result in TBG deficiency, which has been classified as partial deficiency, complete deficiency, and excess, based on the level of serum TBG. Alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of these variants has not been determined.

Note: This product is for in vitro research use only