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Datasheet for ABIN715526
anti-SERPINA7 antibody (AA 231-330)

Overview

Quantity:	100 µL
Target:	SERPINA7
Binding Specificity:	AA 231-330
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINA7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Thyroxine Binding Globulin
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SERPINA7
Alternative Name:	Thyroxine Binding Globulin (SERPINA7 Products)

Target Details

Background:	<p>Synonyms: Serpin A7, Serpin A 7, SerpinA7, Serpin-A7, Serpin peptidase inhibitor clade A alpha 1 antiproteinase antitrypsin member 7, SERPINA7, T4 binding globulin, TBG, THBG_HUMAN.</p> <p>Background: Thyroxine Binding Globulin (TBG) is one of three proteins responsible for carrying the thyroid hormones thyroxine (T4) and 3,5,3 triiodothyronine (T3) in the bloodstream, along with transthyretin and albumin. TBG has the highest affinity for T4 and T3, but is present in the lowest concentration of the three proteins. Despite its low concentration, TBG carries the majority of T4 in serum. Due to the very low serum concentration of T4 & T3, TBG is rarely more than 25 % saturated with ligand. Unlike transthyretin and albumin, TBG has a single binding site for T4/T3. Genomically, TBG is a serpin, although it has no inhibitory function like many other members of this class of proteins. TBG is synthesized primarily in the liver.</p>
Gene ID:	6906
Pathways:	Hormone Transport

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months