

Rabbit TBG Polyclonal Antibody | anti-TBG antibody

TBG antibody

CATALOG # AAA107673	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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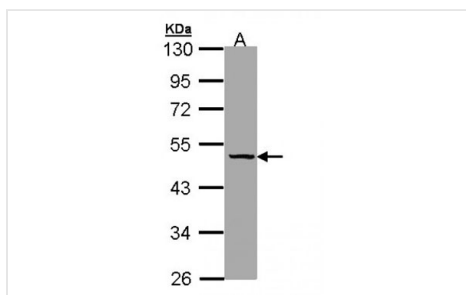
PRODUCT SYNONYMS

TBG; Polyclonal Antibody; TBG antibody; Polyclonal TBG; Anti-TBG; thyroxin-binding globulin; serine (or cysteine) proteinase inhibitor clade A (alpha-1 antiproteinase antitrypsin) member 7; T4-binding globulin; FLJ17820; SERPINA7; thyroxine-binding globulin; anti-TBG antibody

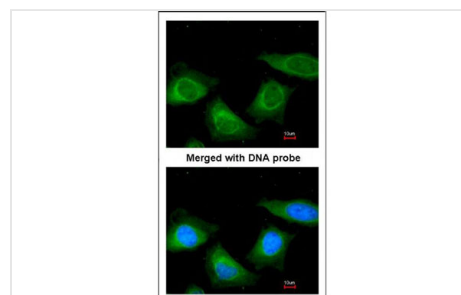
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TBG antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	415
Applicable Applications for anti-TBG antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	There are three proteins including thyroxine-binding globulin, transthyretin and albumin responsible for carrying the thyroid hormones thyroxine and 3,5,3-triiodothyronine 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 TGB deficiency, which has been classified as partial deficiency, complete deficiency, and excess, based on the level of serum TBG.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 10 % SDS PAGE gel and TBG antibody at a dilution of 1:1000


IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using TBG antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-TBG antibody	Affinity purified Rabbit polyclonal TBG antibody
Product Categories/Family for anti-TBG antibody	Hormones & Steroids; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	205277441
NCBI GeneID	6906
NCBI Accession #	NP_000345.2
NCBI GenBank Nucleotide #	NM_000354.5
UniProt Accession #	P05543; D3DUX1
Molecular Weight	46 kDa
NCBI Official Full Name	thyroxine-binding globulin
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7
NCBI Official Symbol	SERPINA7
NCBI Official Synonym Symbols	TBG
NCBI Protein Information	thyroxine-binding globulin
UniProt Protein Name	Thyroxine-binding globulin
UniProt Gene Name	SERPINA7
UniProt Synonym Gene Names	TBG
UniProt Entry Name	THBG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tbg-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107673>