

Datasheet for ABIN7428986
anti-Thyroglobulin antibody (AA 2083-2333)

2 Images

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Overview

Quantity:	100 µL
Target:	Thyroglobulin (TG)
Binding Specificity:	AA 2083-2333
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thyroglobulin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Thyroglobulin (TG)
Immunogen:	Recombinant Thyroglobulin (TG) corresponding to Ser2083~Ala2333 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TG. It has been selected for its ability to recognize TG in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Thyroglobulin (TG)
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Target Details

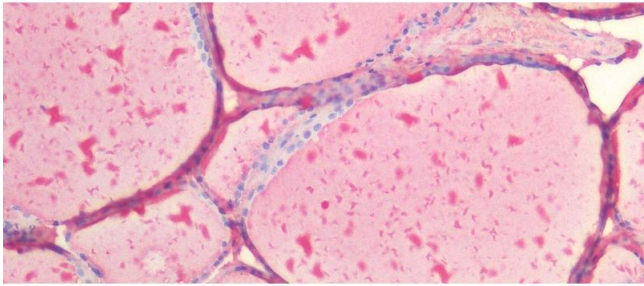
Alternative Name:	Thyroglobulin (TG Products)
Background:	AITD3, TGN
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

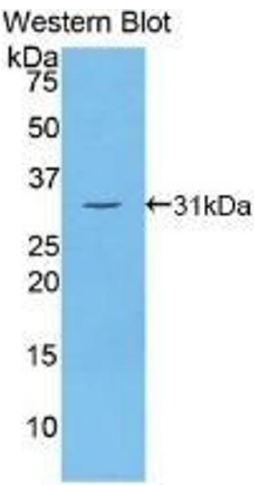
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of TG in Human Thyroid Tissue using Polyclonal Antibody to Thyroglobulin (TG)



Western Blotting

Image 2. Detection of Recombinant Thyroglobulin, Human using Polyclonal Antibody to Thyroglobulin (TG)