antibodies

Datasheet for ABIN7432028 anti-Thyroperoxidase antibody (AA 19-846)



Overview

Image

Quantity:	100 µL	
Target:	Thyroperoxidase (TPO)	
Binding Specificity:	AA 19-846	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Thyroperoxidase antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)	

Product Details

Purpose:	Polyclonal Antibody to Thyroid Peroxidase (TPO)	
Immunogen:	Recombinant Thyroid Peroxidase (TPO) corresdonding to Phe19~Arg846 with N-terminal His Tag	
Isotype:	lgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against TPO. It has been selected for its ability to recognize TPO in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Mouse, Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

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Target Details			
Target:	Thyroperoxidase (TPO)		
Alternative Name:	Thyroid Peroxidase (TPO Products)		
Background:	TPX, thyroperoxidase		
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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: 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		

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W	estern	Blot
kDa 75		
50		
37		
25	-	←26kDa
20		
15		
10		

Western Blotting

Image 1. Detection of Recombinant TPO, Human using Polyclonal Antibody to Thyroid Peroxidase (TPO)

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