antibodies.com

Datasheet for ABIN5518791 anti-TRF2 antibody (AA 81-287)

3 Images



Overview

Quantity:	100 µg					
Target:	TRF2 (TERF2)					
Binding Specificity:	AA 81-287					
Reactivity:	Human, Rat					
Host:	Rabbit					
Clonality:	Polyclonal					
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))					
Product Details						
Purpose:	Rabbit IgG polyclonal antibody for Telomeric repeat-binding factor 2(TERF2) detection. Tested with WB, IHC-P in Human,Rat.					
Immunogen:	E.coli-derived human TRF2 recombinant protein (Position: A81-K287). Human TRF2 shares 95.7% amino acid (aa) sequence identity with mouse TRF2.					
lsotype:	lgG					
Cross-Reactivity (Details):	No cross reactivity with other proteins.					
Characteristics:	Rabbit IgG polyclonal antibody for Telomeric repeat-binding factor 2(TERF2) detection. Tested with WB, IHC-P in Human,Rat. Gene Name: telomeric repeat binding factor 2 Protein Name: Telomeric repeat-binding factor 2					
Purification:	Immunogen affinity purified.					

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN5518791 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

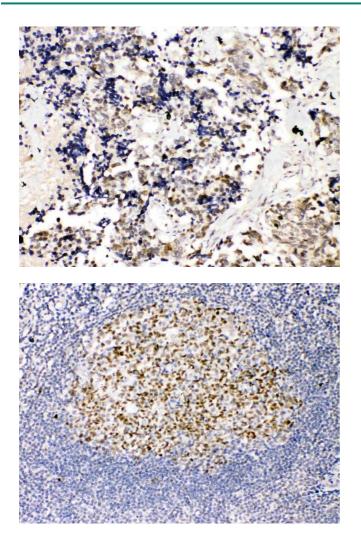
Target Details						
Target:	TRF2 (TERF2)					
Alternative Name:	TERF2 (TERF2 Products)					
Background:	Telomeric repeat-binding factor 2, also known as TERF2, TRF2, or TRBF2, is encoded in humans by the TERF2 gene. This gene encodes a telomere specific protein, TERF2, which is component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a ke role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic.					
	Synonyms: TERF 2 Terf2 TRBF 2 TRBF2 TRF 2 Q15554					
Gene ID:	7014					
UniProt:	Q15554					
Pathways:	Cell Division Cycle, Telomere Maintenance					
Application Details						
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat					
	IHC-P: Concentration: 0.5-1 μ g/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling					
	the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.					
	Notes: Tested Species: Species with positive results. Other applications have not been tested.					
	Optimal dilutions should be determined by end users.					
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).					
Restrictions:	For Research Use only					
Handling						
Format:	Lyophilized					
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 μ g/mL.					
Concentration:	500 μg/mL					
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.					

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN5518791 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

lond	lina
land	
10110	

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:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. TRF2 was detected in paraffin-embedded sections of human lung cancer tissues using rabbit anti- TRF2 Antigen Affinity purified polyclonal antibody (Catalog #) at 1 μ g/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).

Immunohistochemistry

Image 2. TRF2 was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti- TRF2 Antigen Affinity purified polyclonal antibody (Catalog #) at 1 μ g/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).

Images

130KD -	1	2		Weste	ern Blottin	g				
100KD -				Image 3. Western blot analysis of TRF2 expression in rat						
70KD -	-	-	thymus extract (Lane 1) and COLO320 whole cell lysat							/sates (
				Lane	2). TRF2 a	t 75KD v	was det	ected us	sing rabbit ant	ti- TRF2
55KD -				Antigen Affinity purified polyclonal antibody (Catalog #) at						
35KD-				0.5	µg/mL.	The	blot	was	developed	using
25KD -				chemiluminescence (ECL) method (Catalog # EK1002).						
15KD -										

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 4/4 | Product datasheet for ABIN5518791 | 09/10/2023 | Copyright antibodies-online. All rights reserved.