

Datasheet for ABIN7171730

**anti-TRF1 antibody (AA 260-439) (Biotin)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	TRF1 (TERF1)
Binding Specificity:	AA 260-439
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRF1 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Telomeric repeat-binding factor 1 protein (260-439AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	TRF1 (TERF1)
Alternative Name:	TERF1 ( <a href="#">TERF1 Products</a> )
Background:	Background: Binds the telomeric double-stranded 5\'-TTAGGG-3\' repeat and negatively regulates telomere length. Involved in the regulation of the mitotic spindle. Component of the

## Target Details

shelterin complex (telosome) that is involved in the regulation of telomere length and protection. Shelterin associates with arrays of double-stranded 5'-TTAGGG-3' repeats added by telomerase and protects chromosome ends, without its protective activity, telomeres are no longer hidden from the DNA damage surveillance and chromosome ends are inappropriately processed by DNA repair pathways.

Aliases: hTRF1 AS antibody, NIMA interacting protein 2 antibody, NIMA-interacting protein 2 antibody, PIN 2 antibody, PIN2 antibody, t TRF1 antibody, Telomeric protein Pin2 antibody, Telomeric protein Pin2/TRF1 antibody, Telomeric repeat binding factor (NIMA interacting) 1 antibody, Telomeric repeat binding factor 1 antibody, Telomeric repeat binding protein 1 antibody, Telomeric repeat-binding factor 1 antibody, TERF 1 antibody, Terf1 antibody, TERF1\_HUMAN antibody, TRBF 1 antibody, TRBF1 antibody, TRF 1 antibody, TRF antibody, TTAGGG repeat binding factor 1 antibody, TTAGGG repeat-binding factor 1 antibody

UniProt:	<a href="#">P54274</a>
Pathways:	<a href="#">Cell Division Cycle</a> , <a href="#">Telomere Maintenance</a> , <a href="#">Hormone Transport</a> , <a href="#">Chromatin Binding</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.