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Datasheet for ABIN7171779

anti-TINF2 antibody (AA 210-451) (Biotin)

Overview

Quantity:	100 µg
Target:	TINF2 (TIN2)
Binding Specificity:	AA 210-451
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TINF2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human TERF1-interacting nuclear factor 2 protein (210-451AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TINF2 (TIN2)
Alternative Name:	TINF2 (TIN2 Products)
Background:	Background: Component of the shelterin complex (telosome) that is involved in the regulation of telomere length and protection. Shelterin associates with arrays of double-stranded TTAGGG

Target Details

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. Plays a role in shelterin complex assembly. Isoform 1 may have additional role in tethering telomeres to the nuclear matrix.

Aliases: AW552114 antibody, D14Wsu146e antibody, DKCA3 antibody, MGC94711 antibody, TERF 1 (TRF 1) interacting nuclear factor 2 antibody, TERF 1 interacting nuclear factor 2 antibody, TERF1 (TRF1) interacting nuclear factor 2 antibody, TERF1 interacting nuclear factor 2 antibody, TERF1-interacting nuclear factor 2 antibody, Tin 2 antibody, TIN2 antibody, TINF 2 antibody, Tinf2 antibody, TINF2_HUMAN antibody, TRF 1 interacting nuclear factor 2 antibody, TRF1 interacting nuclear factor 2 antibody, TRF1-interacting nuclear protein 2 antibody

UniProt: [Q9BSI4](#)

Pathways: [Cell Division Cycle](#), [Telomere Maintenance](#), [Regulation of Carbohydrate Metabolic Process](#)

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.