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Datasheet for ABIN7464645
anti-TINF2 antibody

Overview

Quantity:	100 µL
Target:	TINF2 (TIN2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TINF2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Full length human TIN2 Recombinant protein.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TINF2 (TIN2)
Alternative Name:	TERF1 interacting nuclear factor 2 (TIN2 Products)
Background:	TERF1 interacting nuclear factor 2 , DKCA3 , TIN2,This gene encodes one of the proteins of the shelterin, or telosome, complex which protects telomeres by allowing the cell to distinguish between telomeres and regions of DNA damage. The protein encoded by this gene is a critical part of shelterin, it interacts with the three DNA-binding proteins of the shelterin complex, and it

Target Details

is important for assembly of the complex. Mutations in this gene cause dyskeratosis congenita (DKC), an inherited bone marrow failure syndrome. [provided by RefSeq]

Molecular Weight: 50 kDa

Gene ID: 26277

UniProt: [Q9BSI4](#)

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

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: IMR32 nuclear extract
Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.