

# **TIN2 Polyclonal Antibody**

### Description

Product type Primary Antibody

Code BT-AP09039

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human TINF2. AA range:71-120

Mol wt 50023

Species reactivity Human

**Clonality** Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name TIN2 Antibody

Synonyms TINF2; TIN2; TERF1-interacting nuclear factor 2; TRF1-interacting nuclear protein 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

TINF2 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 TERF1 interacting nuclear factor 2 encoded by TINF2 is a critical part of shelterin; it interacts with the three DNA-binding proteins of the shelterin complex, and it is important for assembly of the complex. Mutations in this gene cause dyskeratosis congenita (DKC), an inherited bone marrow failure syndrome.

### Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.





Western blot analysis of the lysates from HeLa cells using TINF2 antibody.



Western blot analysis of lysates from HUVEC cells, using TINF2 Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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