

Product Datasheet

TRF1 Antibody

Catalog No: CY6700

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB ICC/IF



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Information

UniProt ID: P54274

All Names: Telomeric repeat-binding factor 1; NIMA-interacting protein 2; TTAGGG repeat-binding factor 1; Telomeric protein Pin2/TRF1; TERF1; PIN2; TRBF1; TRF1;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 50 kDa

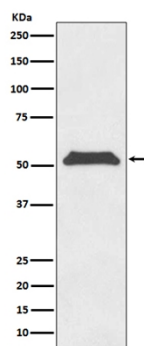
Application

WB 1:500~1:2000

ICC/IF 1:50~1:200

Background

Plays an influential role in cellular immortalization and cellular senescence. TRF1 negatively regulates telomere elongation, while TRF2 protects the chromosome ends by inhibiting end-to-end fusions. Down-regulation of TRF expression in tumor cells may contribute to cell immortalization and malignant progression. TRF1 has an acidic N-terminus while TRF2 has a basic N-terminus.



Western blot analysis of TRF1 expression in HeLa cell lysate.

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