

## Product datasheet for **TA336448**

### TRF2 (TERF2) Goat Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | ChIP, FC, ICC/IF, IHC, IP, WB   |
| Recommended Dilution: | Immunoprecipitation: 2 ug/ 10 <sup>6</sup> cells, Western Blot: 2 ug/ml, Immunohistochemistry-Paraffin: 15 ug/ml, Immunocytochemistry/ Immunofluorescence: 1:10-1:500, Immunohistochemistry: 1:10-1:500, Flow Cytometry, Knockdown Validated, Chromatin Immunoprecipitation (ChIP): 1:20-1:1000   |
| Reactivity:           | Human, Mouse  |
| Host:                 | Goat  |
| Clonality:            | Polyclonal  |
| Immunogen:            | Baculovirus expressed His-tagged whole length TRF2 protein was used for immunizing goat (NP_005643).  |
| Formulation:          | PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| Concentration:        | lot specific  |
| Purification:         | Protein G purified  |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | telomeric repeat binding factor 2   |
| Database Link:        | <a href="#">NP_005643</a><br><a href="#">Entrez Gene 21750 Mouse</a> <a href="#">Entrez Gene 7014 Human</a><br><a href="#">Q15554</a>   |
| Background:           | TRF2 is a ubiquitously expressed protein that is implicated in the control of telomere length. TRF2, like TRF1 contains a Myb-related DNA binding motif. It binds to duplex TTAGGG repeats and is localized to all human telomeres in metaphase chromosomes. TRF2 is thought to protect chromosome ends by maintaining the correct structure at telomere termini. The use of mutant forms of TRF2 has implicated a role for TRF2 in the prevention of senescence in primary human cells. Recently, it has been shown that inhibition of TRF2 resulted in apoptosis in a subset of mammalian cell types. |

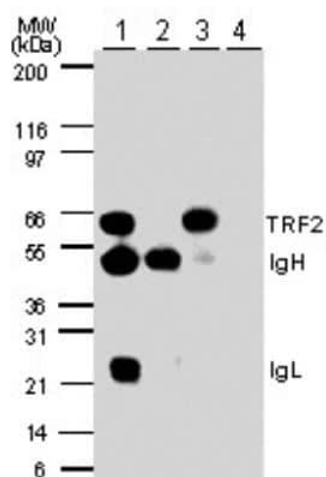


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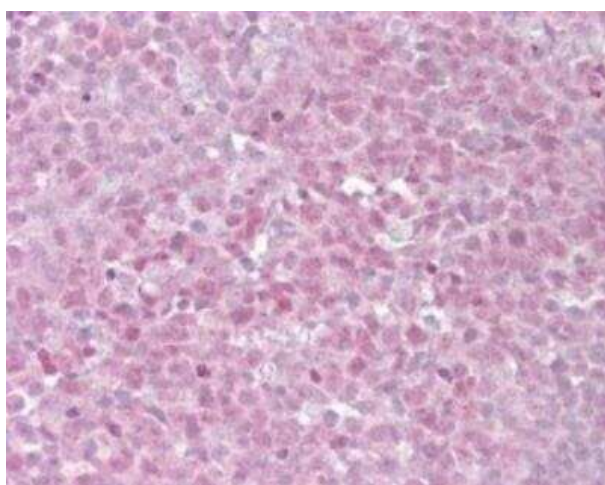
Synonyms: TRBF2; TRF2

Protein Families: Transcription Factors

### Product images:



Immunoprecipitation: TRF-2 Antibody TA336448 - Analysis of TRF-2 in HL60 cells. Lane 1. IP (mouse anti-TRF2). Lane 2. IP with control mouse IgG. Lane 3 IP with goat anti-TRF2. Lane 4. IP with pre-immune goat Ig. Lanes 1-4. WB. TRF2 is detected as a ~ 66 kD protein.



Immunohistochemistry-Paraffin: TRF-2 Antibody TA336448 - Analysis of Human Tonsil using TRF-2 antibody.