

## Rabbit anti-Human, Mouse TRF1 Monoclonal Antibody | anti-TRF1 antibody

Anti-TRF1 Rabbit Monoclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                          |
|-----------|--------|--------------|-------------------------------------------------------|
| AAA47113  | Rabbit | Human, Mouse | Western Blot, Immunocytochemistry, Immunofluorescence |

### PRODUCT SYNONYMS

TRF1; Monoclonal Antibody; Anti-TRF1 Rabbit Monoclonal Antibody; Telomeric repeat-binding factor 1; NIMA-interacting protein 2; TTAGGG repeat-binding factor 1; Telomeric protein Pin2/TRF1; TERF1; PIN2; TRBF1; TRF; anti-TRF1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                        |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                                                                  |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                    |
| Clone Number                                   | AOIB-20                                                                                                                                                                                                                                       |
| Purity/Purification                            | Affinity-chromatography                                                                                                                                                                                                                       |
| Form/Format                                    | Liquid; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                                                                                   |
| Concentration                                  | 0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decidedilution procedure. (varies by lot)                                                                                                                       |
| Sequence Length                                | 419                                                                                                                                                                                                                                           |
| Applicable Applications for anti-TRF1 antibody | WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)                                                                                                                                                                         |
| Immunogen                                      | A synthesized peptide derived from human TRF1                                                                                                                                                                                                 |
| Subcellular Localization                       | Nucleus. Cytoplasm, cytoskeleton, spindle. Chromosome, telomere. Colocalizes with telomeric DNA in interphase and prophase cells. Telomeric localization decreases in metaphase, anaphase and telophase. Associates with the mitotic spindle. |
| Tissue Specificity                             | Highly expressed and ubiquitous. Isoform Pin2 predominates.                                                                                                                                                                                   |
| Contents                                       | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                             |
| Preparation and Storage                        | Store at -20°C for one year. Avoid repeated freezing and thawing.                                                                                                                                                                             |

### IMAGES


**WB (Western Blot)**

Western blot analysis of TRF1 expression in HeLa cell lysate.

### ADDITIONAL INFORMATION

|                                                    |                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------|
| Related Product Information for anti-TRF1 antibody | Anti-TRF1 Rabbit Monoclonal Antibody tested for WB, ICC/IF in Human, Mouse. |
|----------------------------------------------------|-----------------------------------------------------------------------------|

|                                                  |                                                                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-TRF1 antibody | Epigenetics and Nuclear Signaling; Chromosome Structure; telomeres; Tags & Cell Markers; Subcellular Markers; Nucleus; chromatin |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 189409140                                   |
| NCBI GeneID                      | 7013                                        |
| NCBI Accession #                 | NP_003209.2                                 |
| NCBI GenBank Nucleotide #        | NM_003218.3                                 |
| UniProt Accession #              | P54274; Q15553; Q8NHT6; Q93029; A7XP29      |
| NCBI Official Full Name          | telomeric repeat-binding factor 1 isoform 2 |
| NCBI Official Synonym Full Names | telomeric repeat binding factor 1           |
| NCBI Official Symbol             | TERF1                                       |
| NCBI Official Synonym Symbols    | TRF; PIN2; TRF1; TRBF1; t-TRF1; hTRF1-AS    |
| NCBI Protein Information         | telomeric repeat-binding factor 1           |
| UniProt Protein Name             | Telomeric repeat-binding factor 1           |
| UniProt Gene Name                | <b>TERF1</b>                                |
| UniProt Synonym Gene Names       | PIN2; TRBF1; TRF; TRF1                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/trf1-antibody-clone-aoib-20-western-blot-immunocytochemistry-immunofluorescence-elisa/47113>