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Datasheet for ABIN738413
anti-TRF1 antibody (AA 121-220) (Biotin)

Overview

Quantity:	100 µL
Target:	TRF1 (TERF1)
Binding Specificity:	AA 121-220
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRF1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TRBF1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	TRF1 (TERF1)
Alternative Name:	TRBF1/TRF1 (TERF1 Products)

Target Details

Background: Synonyms: hTRF1 AS, NIMA interacting protein 2, NIMA-interacting protein 2, PIN 2, PIN2, tTRF1, Telomeric protein Pin2, Telomeric protein Pin2/TRF1, Telomeric repeat binding factor NIMA interacting 1, Telomeric repeat binding factor 1, Telomeric repeat binding protein 1, Telomeric repeat-binding factor 1, TERF 1, TERF1, TERF1_HUMAN, TRBF 1, TRBF1, TRF 1, TRF, TTAGGG repeat binding factor 1, TTAGGG repeat-binding factor 1.

Background: This gene encodes a telomere specific protein which is a component of the telomere nucleoprotein complex. This protein is present at telomeres throughout the cell cycle and functions as an inhibitor of telomerase, acting in cis to limit the elongation of individual chromosome ends. The protein structure contains a C-terminal Myb motif, a dimerization domain near its N-terminus and an acidic N-terminus. Two transcripts of this gene are alternatively spliced products. [provided by RefSeq].

Gene ID: 7013

Pathways: [Cell Division Cycle](#), [Telomere Maintenance](#), [Hormone Transport](#), [Chromatin Binding](#), [Regulation of Cell Size](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Handling

Expiry Date: 12 months