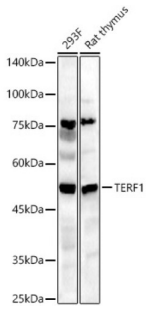
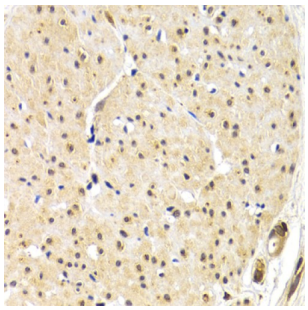
Telomeric Repeat-Binding Factor 1 (TERF1) Antibody

Catalogue No.:abx000566



Western blot analysis of various lysates, using TERF1 Antibody at 1/2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using TERF1 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.

TERF1 Antibody is a Rabbit Polyclonal antibody against TERF1. Telomeres are nucleoprotein complexes located at chromosome ends that consist of tandem arrays of TTAGGG repeats bound to specific proteins. Telomeres protect chromosome ends from degradation and end-to-end fusions, prevent activation of DNA damage checkpoints, and modulate the maintenance of telomeric DNA by telomerase. TERF1 (telomeric repeat-binding factor 1) binds the telomeric double-stranded TTAGGG repeat and negatively regulates telomere length. It's one component of the shelterin complex, which involved in the regulation of telomere length and protection.

Target:	Telomeric Repeat-Binding Factor 1 (TERF1)
Clonality:	Polyclonal
Reactivity:	Human, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 52-275 of human TERF1.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P54274 (UniProt, ExPASy)
Gene Symbol:	TERF1
GeneID:	7013
OMIM:	600951
NCBI Accession:	NP_059523.2
HGNC:	11728
KEGG:	hsa:7013
Ensembl:	ENSG00000147601
String:	9606.ENSP00000276603
Molecular Weight:	Calculated MW: 50 kDa Observed MW: 50 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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