



Anti-TINF2 (aa 256-354) polyclonal antibody (DPAB-DC1296)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes one of the proteins of the shelterin, or telosome, complex which protects telomeres by allowing the cell to distinguish between telomeres and regions of DNA damage. The protein encoded by this gene is a critical part of shelterin; it interacts with the three DNA-binding proteins of the shelterin complex, and it is important for assembly of the complex. Mutations in this gene cause dyskeratosis congenita (DKC), an inherited bone marrow failure syndrome.
Immunogen	TINF2 (NP_036593, 256 a.a. ~ 354 a.a) partial recombinant protein with GST tag. The sequence is RHFNLAPLGRRRVQSQWASTRGGHKERPTVMLFPFRNLGSPTQVISNPESKEEHAIYTAD LAMGTRAPSNNGKYKGPYQTLGGRALKENPVDLPATEQKE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TINF2 TERF1 (TRF1)-interacting nuclear factor 2 [Homo sapiens (human)]
Official Symbol	TINF2
Synonyms	TINF2; TERF1 (TRF1)-interacting nuclear factor 2; TIN2; DKCA3; TERF1-interacting nuclear factor 2; TRF1-interacting nuclear protein 2;
Entrez Gene ID	26277
Protein Refseq	NP_001092744
UniProt ID	Q9BSI4
Chromosome Location	14q12
Pathway	Cell Cycle; Cellular responses to stress; DNA Damage/Telomere Stress Induced Senescence; Meiotic synapsis.
Function	NOT DNA binding; protein binding; telomeric DNA binding;