



<b>Swiss-Prot No.:</b>	Q9BSI4
<b>Altename:</b>	TINF2
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 202-451 of human TINF2 (NP_001092744.1).
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human,Mouse
<b>Other Names:</b>	TIN2; DKCA3
<b>Cellular localization:</b>	Chromosome, Nucleus, Telomere
<b>Relevance:</b>	Component of the shelterin complex (telosome) that is involved in the regulation of telomere length and protection. Shelterin associates with arrays of double-stranded TTAGGG repeats added by telomerase and protects chromosome ends; without its protective activity, telomeres are no longer hidden from the DNA damage surveillance and chromosome ends are inappropriately processed by DNA repair pathways. Plays a role in shelterin complex assembly. Isoform 1 may have additional role in tethering telomeres to the nuclear matrix.
<b>Source:</b>	Rabbit

<b>Antibody type:</b>	Polyclonal antibody
<b>Isotype:</b>	Rabbit IgG
<b>Molecular Weight:</b>	40-45kDa
<b>Preservative:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Recommended Dilutions:</b>	WB 1:500 - 1:2000(Optimal dilutions should be determined by the end user)