

Anti-TIN2 antibody



Description	Rabbit polyclonal to TIN2.
Model	STJ96027
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human TIN2
Immunogen Region	40-120 aa, Internal
Gene ID	26277
Gene Symbol	TINF2
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	TIN2 Polyclonal Antibody detects endogenous levels of TIN2 protein.
Tissue Specificity	Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	TERF1-interacting nuclear factor 2 TRF1-interacting nuclear protein 2
Molecular Weight	53 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11824OMIM:268130
Alternative Names	TERF1-interacting nuclear factor 2 TRF1-interacting nuclear protein 2
Function	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.
Sequence and Domain Family	The TBM domain mediates interaction with TERF1.
Cellular Localization	Nucleus Chromosome, telomere. Associated with telomeres.. Isoform 1: Nucleus matrix

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com