

TINF2 Rabbit mAb

Catalog # AP77066

Product Information

Application	WB
Primary Accession	Q9BSI4
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Tin2
Purification	Affinity Purified
Calculated MW	50023

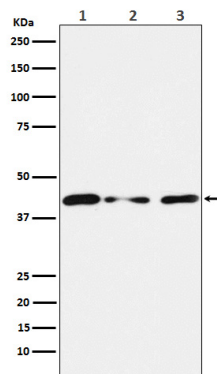
Additional Information

Gene ID	26277
Other Names	TINF2
Dilution	WB~~1/500-1/1000
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	TINF2
Synonyms	TIN2
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.
Cellular Location	Nucleus. Chromosome, telomere. Note=Associated with telomeres
Tissue Location	Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and

Images



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