

Anti-Tin2 Rabbit Monoclonal Antibody

Catalog # ABO15634

Product Information

Application	WB
Primary Accession	Q9BSI4
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Tin2 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	26277
Other Names	TERF1-interacting nuclear factor 2, TRF1-interacting nuclear protein 2, TINF2, TIN2
Calculated MW	50023
Application Details	WB 1:500-1:1000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 22T10
Immunogen	A synthesized peptide derived from human Tin2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated 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.

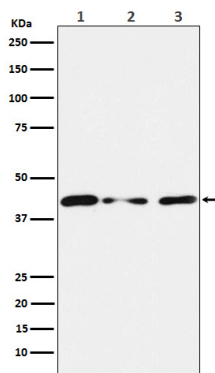
Cellular Location

Nucleus. Chromosome, telomere. Note=Associated with telomeres

Tissue Location

Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

Images



Western blot analysis of Tin2 expression in (1) HUVEC cell lysate; (2) NIH/3T3 cell lysate; (3) PC12 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.