

## Anti-TINF2 Antibody (2F670)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse, Rat
Conjugation:	Unconjugated
Clone:	2F670
Purification:	Affinity-chromatography

### Applications

	Western Blot
	-Positive WB detected in: RAW264.7 whole cell lysate, HL-60 whole cell lysate, Mouse Herat whole cell lysate, Mouse Brain whole cell lysate
Verified Activity:	-All lanes: Tin2 antibody at 1:1000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 51, 40, 16 kDa -Observed band size: 51 kDa
Application:	ELISA, WB
Recommended	WB:1:500-1:5000.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide: Human Tin2
Antigen Species:	Human
Gene ID:	26277
Uniprot ID:	Q9BSI4
Synonyms:	TINF 2;TIN2;TRF1-interacting nuclear protein 2;TERF1-interacting nuclear factor 2
Biology Area:	Epigenetics and Nuclear Signaling

### Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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