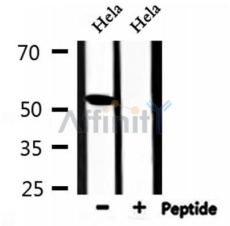
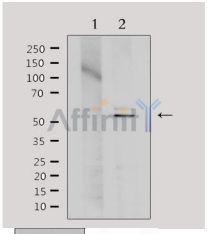
TINF2 Ab

Cat.#: AF0415	Concn.: 1mg/ml	Mol.Wt.: 53kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

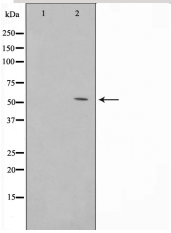
Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	TINF2 Ab detects endogenous levels of TINF2.
Immunogen:	A synthesized peptide derived from human TINF2.
Uniprot:	Q9BSI4
Description:	TINF2 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. Monomer.
Subcellular Location:	Nucleus;Nucleus;
Tissue Specificity:	Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Similarity:	The TBM domain mediates interaction with TERF1.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



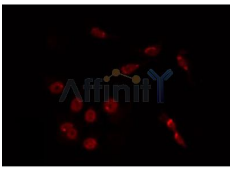
Western blot analysis of extracts from Hela, using TINF2 Ab.



Western blot analysis of extracts from Hela, using TINF2 Ab. Lane 1 was treated with the antigen-specific peptide.



Western blot analysis on HuvEc cell lysate using TINF2 Ab,The lane on the left is treated with the antigen-specific peptide.



AF0415 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.