

Rabbit anti-Human TNF2 Polyclonal Antibody | anti-TNF2 antibody

TNF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321016	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

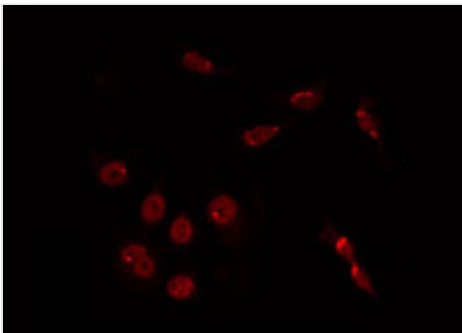
PRODUCT SYNONYMS

TNF2; Polyclonal Antibody; TNF2 Antibody; AW552114; D14Wsu146e; DKCA3; MGC94711; TERF 1 (TRF 1) interacting nuclear factor 2; TERF 1 interacting nuclear factor 2; TERF1 (TRF1) interacting nuclear factor 2; TERF1 interacting nuclear factor 2; TERF1-interacting nuclear factor 2; Tin 2; TIN2; TNF 2; Tinf2; TNF2_HUMAN; TRF 1 interacting nuclear factor 2; TRF1 interacting nuclear factor 2; TRF1-interacting nuclear protein 2; anti-TNF2 antibody

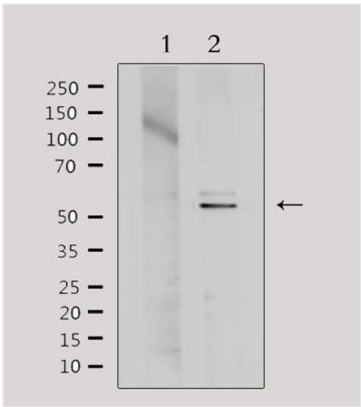
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TNF2 antibody detects endogenous levels of TNF2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	451
Applicable Applications for anti-TNF2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TNF2
Subcellular Location	Nucleus
Tissue Specificity	Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (91%), Horse (91%), Sheep (91%), Rabbit (86%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

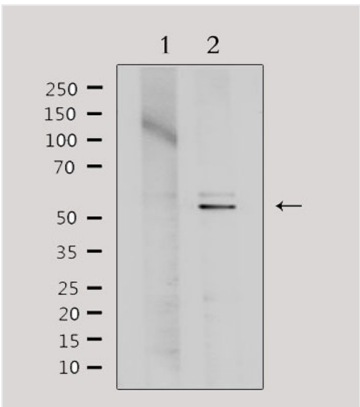
IMAGES



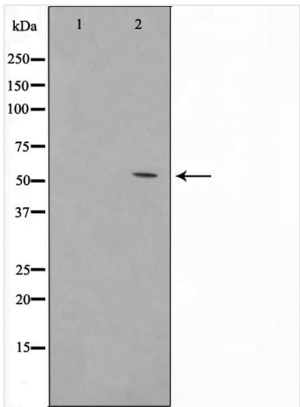
IF (Immunofluorescence)
AAA321016 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Hela, using TINF2 Antibody.



WB (Western Blot)
Western blot analysis of extracts from Hela, using TINF2 Antibody. Lane 1 was treated with the antigen-specific peptide.



WB (Western Blot)
Western blot analysis on HuvEc cell lysate using TINF2 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TINF2 antibody	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. 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. Subunit Structure: Monomer. Found in a complex with POT1; TERF1 and TNKS1. Component of the shelterin complex (telosome) composed of TERF1, TERF2, TINF2, TERF2IP ACD and POT1. Interacts with TERF1, TERF2 and ACD. Similarity: The TBM domain mediates interaction with TERF1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	151101266
NCBI GeneID	26277
NCBI Accession #	NP_001092744.1
NCBI GenBank Nucleotide #	NM_001099274.2

UniProt Accession #	Q9BSI4 ; Q9H904 ; Q9UHC2 ; B3W5Q7
Molecular Weight	Observed: 53 kDa Predicted: 51 kDa
NCBI Official Full Name	TERF1-interacting nuclear factor 2 isoform 1
NCBI Official Synonym Full Names	TERF1 interacting nuclear factor 2
NCBI Official Symbol	TINF2
NCBI Official Synonym Symbols	TIN2; DKCA3
NCBI Protein Information	TERF1-interacting nuclear factor 2
UniProt Protein Name	TERF1-interacting nuclear factor 2
UniProt Gene Name	TINF2
UniProt Synonym Gene Names	TIN2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tinf2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321016>