

(Tel: 400-999-8863 **(** Emall:Upingbio.163.com



TERF2 Polyclonal Antibody

Immunogen Synthesized peptide derived from human protein . at AA range: 130-210 Specificity TERF2 Polyclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 55kD Cell Pathway Nucleus . Chromosome, telomere . Colocalizes with telomeric DNA in interphacells and is located at chromosome ends during metaphase. Tissue Specificity Ubiquitous. Highly expressed in spleen, thymus, prostate, uterus, testis, small intestine, colon and peripheral blood leukocytes. Function function:Binds the telomeric double-stranded TTAGGG repeat. Protects againend-to-end fusion of chromosomes and plays a role in successful progression through the cell division cycle. 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 telome and protects chromosome ends; without its protective activity, telomeres are longer hidden from the DNA damage surveillance and chromosome ends are		
Reactivity	Catalog No	YP-Ab-04900
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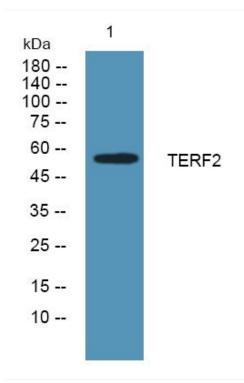
UpingBio technology Co.,Ltd

(Tel: 400-999-8863 **(** Emall:Upingbio.163.com



Background	This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night