
Product Name: TERF2IP Mouse Monoclonal Antibody**Catalog #: AMM86038**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,FC 1:25-1:50
Molecular Weight	44.2kDa

Antigen Information

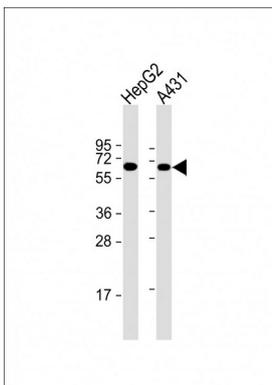
Gene Name	TERF2IP Telomeric repeat-binding factor 2-interacting protein 1, TERF2-interacting telomeric protein
Alternative Names	1, TRF2-interacting telomeric protein 1, Dopamine receptor-interacting protein 5, Repressor/activator protein 1 homolog, RAP1 homolog, hRap1, TERF2IP, DRIP5, RAP1
Gene ID	54386.0
SwissProt ID	Q9NYB0
Immunogen	This TERF2IP antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human TERF2IP.

Background

Acts both as a regulator of telomere function and as a transcription regulator. Involved in the regulation of telomere length and protection as a component of the shelterin complex (telosome). In contrast to other components of the shelterin complex, it is dispensable for telomere capping and does not participate in the protection of telomeres against non-homologous end-joining (NHEJ)-mediated repair. Instead, it is required to negatively regulate telomere recombination and is essential for repressing homology-directed repair (HDR), which can affect telomere length. Does not bind DNA directly: recruited to telomeric double-stranded 5'-TTAGGG-3' repeats via its interaction with TERF2. Independently of its function in telomeres, also acts as a transcription regulator: recruited to extratelomeric 5'-TTAGGG-3' sites via its association with TERF2 or other factors, and regulates gene expression. When cytoplasmic, associates with the I-kappa-B-kinase (IKK) complex and acts as a regulator of the NF-kappa-B signaling by promoting IKK-mediated phosphorylation of RELA/p65, leading to activate expression of NF-kappa-B target genes.

Research Area

Image Data



All lanes : Anti-TERF2IP Antibody at 1:2000 dilution