

Rabbit anti-Human Telomeric repeat-binding factor 2-interacting protein 1 Polyclonal Antibody | anti-TERF2IP antibody

Rabbit anti-human Telomeric repeat-binding factor 2-interacting protein 1 polyclonal Antibody(TERF2IP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118650	Rabbit	Human	Immunohistochemistry, ELISA

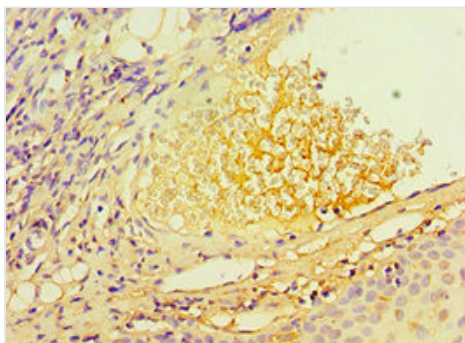
PRODUCT SYNONYMS

Telomeric repeat-binding factor 2-interacting protein 1; Polyclonal Antibody; Rabbit anti-human Telomeric repeat-binding factor 2-interacting protein 1 polyclonal Antibody(TERF2IP); TERF2-interacting telomeric protein 1; TRF2-interacting telomeric protein 1; Dopamine receptor-interacting protein 5; Repressor/activator protein 1 homolog; RAP1 homolog; hRap1; TERF2IP; DRIP5; RAP1; anti-TERF2IP antibody

PRODUCT SPECIFICATIONS

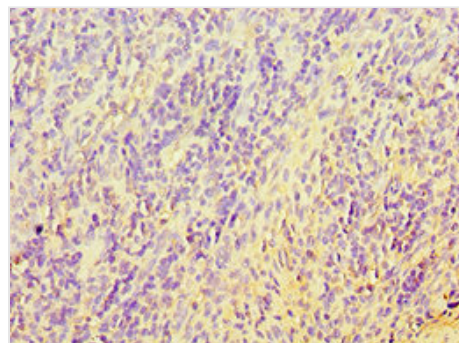
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	399
Applicable Applications for anti-TERF2IP antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Telomeric repeat-binding factor 2-interacting protein 1 protein (1-280aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-13652 / sc-13653 / sc-28197
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



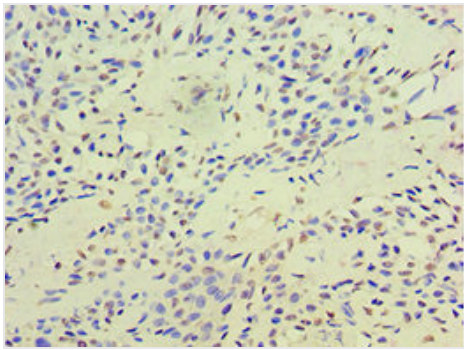
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human blood plasma using AAA118650 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA118650 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA118650 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TERF2IP antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52627149
NCBI GeneID	54386
NCBI Accession #	NP_061848.2
NCBI GenBank Nucleotide #	NM_018975.3
UniProt Accession #	Q9NYB0; Q4W4Y2; Q8WYZ3; Q9NWR2; B4DQN4
Molecular Weight	44,260 Da
NCBI Official Full Name	telomeric repeat-binding factor 2-interacting protein 1
NCBI Official Synonym Full Names	telomeric repeat binding factor 2, interacting protein
NCBI Official Symbol	TERF2IP
NCBI Official Synonym Symbols	RAP1; DRIP5
NCBI Protein Information	telomeric repeat-binding factor 2-interacting protein 1
UniProt Protein Name	Telomeric repeat-binding factor 2-interacting protein 1
UniProt Gene Name	TERF2IP
UniProt Synonym Gene Names	DRIP5; RAP1; TERF2-interacting telomeric protein 1; TRF2-interacting telomeric protein 1; RAP1 homolog; hRap1
UniProt Entry Name	TE2IP_HUMAN

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.

