

ZBTB48 polyclonal antibody

Catalog: BS91463

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Telomere-binding protein that acts as a regulator of telomere length. Directly binds the telomeric double-stranded 5'-TTAGGG-3' repeat. Preferentially binds to telomeres that have a low concentration of shelterin complex and acts as a regulator of telomere length by initiating telomere trimming, a process that prevents the accumulation of aberrantly long telomeres. Also acts as a transcription regulator that binds to promoter regions. Regulates expression of a small subset of genes, including MTFP1. Regulates expression the J and/or S elements in MHC II promoter. Acts as a negative regulator of cell proliferation by specifically activating expression of ARF, a tumor suppressor isoform of CDKN2A.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

77 kDa

Swiss-Prot:

P10074(Human) Q1H9T6(Mouse)

Purification&Purity:

Peptide affinity purified

Applications:

WB:1:500-1:1,000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:200

Storage&Stability:

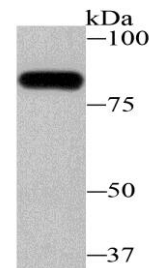
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

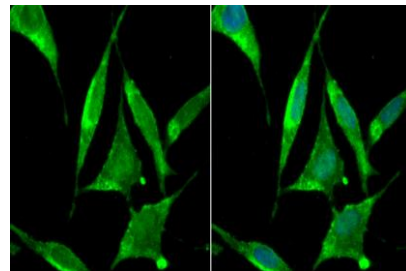
Specificity:

ZBTB48 polyclonal antibody detects endogenous levels of ZBTB48 protein.

DATA:



Western blot analysis of ZBTB48 on mouse spleen tissue lysate using anti-ZBTB48 antibody at 1/1,000 dilution.



ICC staining ZBTB48 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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