

DCLRE1B polyclonal antibody

Catalog: BS62352

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

DNA interstrand cross-links (ICLs) pose lethal threats to DNA as they inhibit segregation, replication and transcription. The mechanism of ICL repair is complex but is at least partly conserved between *Saccharomyces cerevisiae* and mammals. SNM1B (SNM1 homolog B), also known as DCLRE1B [DNA cross-link repair 1B (PSO2 homolog, *S. cerevisiae*)] or APOLLO, is a 532 amino acid nuclear protein that localizes to discrete foci and is likely required for DNA interstrand cross-link repair. SNM1B assists in the maintenance of telomeres during S-phase and interacts with TRF2 (telomeric repeat binding factor 2), a protein involved in telomeric organization and protection, in the early DNA-damage response. A member of the DNA repair metallo- β -lactamase (DRMBL) family, SNM1B becomes phosphorylated following translation, either by ATM or ATR, and is encoded by a gene located on human chromosome 1.

Product:

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

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q9H816

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

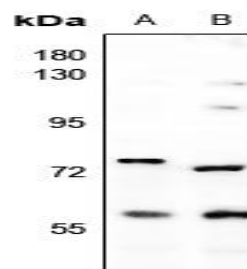
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

DCLRE1B polyclonal antibody detects endogenous levels of DCLRE1B protein.

DATA:



Western blot (WB) analysis of DCLRE1B polyclonal antibody at 1:500 dilution

LaneA:A549 whole cell lysate

LaneB:CT26 whole cell lysate

Note:

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

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