



Anti-STN1 (Protein STN1) Phospho-Polyclonal Antibody

Category: Phospho-Polyclonal Antibody

Catalog #: T223 Phospho-AB3J231(Phospho Site: 223T)

Antigen Synonym: D4456, YD8554.15

Species Reactivity: Baker's Yeast (*Saccharomyces cerevisiae*)

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to near N-terminal residues of Baker's Yeast (*Saccharomyces cerevisiae*) STN1 (Protein STN1)

Description: STN1 (Protein STN1) has a role in telomere length regulation and telomere end protection. Acts as an inhibitor of telomerase loading through its interaction with CDC13. STN1 (Protein STN1) interacts with CDC13 and TEN1. STN1 may localize in Telomere and it is similar to YDR082W STN1 Telomere end-binding and capping protein, plays a key role with Pol12p in linking telomerase action with completion of lagging strand synthesis, and in a regulatory step required for telomere capping.

Reference:

Grandin,N., et al, *Genes Dev.* 11 (4), 512-527 (1997)
Coster,F., et al, *Yeast* 11 (7), 673-679 (1995)
Hu,Y., et al, *Genome Res.* 17 (4), 536-543 (2007)
Grandin,N., et al, *EMBO J.* 20 (5), 1173-1183 (2001)
Chandra,A., et al, *Genes Dev.* 15 (4), 404-414 (2001)
Albuquerque,C.P., et al, *Mol. Cell Proteomics* 7 (7), 1389-1396 (2008)

For Research Use Only

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com