

This product is for research use only (not for diagnostic or therapeutic use)

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Product no AS21 4608

Anti-Rnr1 | Ribonucleoside-diphosphate reductase large subunit (Affinity Purified)

Product information

Immunogen Two KLH-conjugated synthetic peptides derived from c-terminal of Saccharomyces cerevisiae Rnr1 protein, sequence

UniProt: P2152

Host Rabbit

Clonality Polyclonal

Purity Immunogen affinity purified serum in PBS pH 7.4.

Format Lyophilized

Quantity 50 μg

Reconstitution For reconstitution add 50 μl, of sterile or deionized water.

Storage Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to

the cap or sides of the tube.

Application information

Recommended dilution 1:5000 (WB)

Expected | apparent 99.56 | 100 kDa

Confirmed reactivity | Saccharomyces cerevisiae

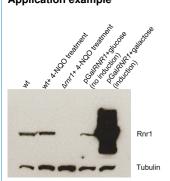
Predicted reactivity | Species of your interest not listed? Contact us

Not reactive in No confirmed exceptions from predicted reactivity are currently known

Selected references Van der Horst et al. (2025). Replication-IDentifier links epigenetic and metabolic pathways to the replication stress

response. Nat Commun. 2025 Feb 6;16(1):1416. doi: 10.1038/s41467-025-56561-y.

Application example



10 ul of total protein from 1 x 10⁸ cells of *Saccharomyces cerevisiae*, extracted with lysis buffer (20 mM Tris, pH 8, 50 mM Ammonium acetate, 2 mM EDTA, plus protease and phosphatase inhibitor cocktails) containing 10% TCA, and re-suspended and denatured in 1X Laemmli buffer for 10 min, were separated on 10% SDS-PAGE and blotted on to nitrocellulose membrane (0.45µm) for 1.5h at constant 0.5Ampere current using wet transfer. Blots were blocked (5% milk) for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1:5000 o/n at 4°C with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 3 times for 10 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horseradish peroxidase conjugated) diluted to 1:5000 in TBS-T for 1h at RT with agitation. The blot was washed as above and developed with Supersignal West pico chemiluminescent detection reagents (Thermo scientific). Exposure time was 1 minute.