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Product Datasheet

Anti-Sml1 | Suppressor of Mec1 lethality, Rabbit, Polyclonal AGR-AS10-847

Article Name	Anti-Sml1 Suppressor of Mec1 lethality, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS10-847
Supplier Catalog Number	AS10-847
Alternative Catalog Number	AGR-AS10-847
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	Yeast
Immunogen	KLH-conjugated synthetic peptide derived from known <i>S.cerevisie</i> Sml1 sequence. Gene ID: 854945
Product Description	Sml1 is a ribonucleotide reductase inhibitor involved in regulation of dNTP production. It is regulated by Mec1p and Rad53p during DNA damage and S phase. Synonymes: Yml058w....
Clonality	Polyclonal
Molecular Weight	11.83 11-12 kDa
NCBI	854945
UniProt	854945
Purity	Serum

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 1000 (WB)
Application Notes	<p>Cell preparation for western blot: cells were harvested by centrifugation (4000 x g , 6 min, 4C). Supernatant was discarded and cells were resuspended in 500 µl cold TCA buffer (20 mM Tris, pH 8, 50 mM ammonium acetate, 2 mM EDTA, 1 tablet/10 ml of Complete Mini Protease inhibitor cocktail with EDTA (Roche Diagnostics GmbH)). 500 µl 0.5 mm Zirconia/Silica Beads (BioSpec Products, Inc, 11079105z) and 500 µl cold 20% TCA was added. Samples were vigorously vortexed twice for 30 s (kept on ice in between), 750 µl from the liquid phase was transferred into a fresh Eppendorf tube. Samples were centrifuged for 10 min (20000 x g, 4C). The pellet was resuspended in 300 µl TCA-Laemmli buffer and boiled for 10 min at 100C.</p>