

Mouse anti-E Coli RNA Sigma 32 Monoclonal Antibody

Purified anti-E. coli RNA Sigma 32 Antibody

CATALOG # AAA78935	HOST Mouse	REACTIVITY E Coli	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

RNA Sigma 32; Monoclonal Antibody; Purified anti-E. coli RNA Sigma 32 Antibody; SigmaH; rpoH; fam; hin; htpR; Heat shock regulatory protein F33.4; RNA Polymerase; anti-RNA Sigma 32 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	E Coli
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	3RH3
Form/Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Applicable Applications for anti-RNA Sigma 32 antibody	WB (Western Blot)
Immunogen	Recombinant protein
Recommended usage	Each lot of this antibody is quality control by Western Blotting. For Western blotting, the suggested use of this reagent is 0.5-5.0 ug/ml. It is recommended that the reagent be titrated for optimal performance for each application.
Structure	Sigma 32(a ³² kD) transcription factor of E.coli RNA polymerase.
Biology Area	Cell Biology,Transcription factors.
Molecular family	Nuclear Markers.
Preparation	The antibody was purified by affinity chromatography.
Preparation and Storage	The antibody solution should be stored undiluted between 2°C and 8°C.

IMAGES



WB (Western Blot)

Western blot analysis of 15 ug cell lysates from DH5 α and BL21 cells. Samples were resolved by electrophoresis (4-12% Bis-Tris gel), transferred to nitrocellulose, probed with 5 ug/mL purified anti-Sigma 32 antibody, clone 3RH3, followed by incubation with horseradish peroxidase (HRP) labeled goat anti-mouse secondary antibody (Cat. No. please inquire). Ponceau S staining was used as a loading control. Western-Ready™ ECL Substrate Kit (Cat. No. please inquire) was used for developing.



WB (Western Blot)

Western blot analysis of 15 ug cell lysates from DH5 α cells. Samples were incubated at 37°C for 0, 5, 10, 15, and 40 minutes and then resolved by electrophoresis (4-12% Bis-Tris gel), transferred to nitrocellulose, probed with 2 ug/mL purified anti-Sigma 32 antibody, clone 3RH3, followed by incubation with horseradish peroxidase (HRP) labeled goat anti-mouse secondary antibody (Cat. No. please inquire). Ponceau S staining was used as a loading control. Western-Ready™ ECL Substrate Kit (Cat. No. please inquire) was used for developing.

ADDITIONAL INFORMATION

Related Product Information for anti-RNA Sigma 32 antibody	Sigma factors are initiation factors that promote the attachment of RNA polymerase to specific initiation sites and are then released. This sigma factor is responsible for the expression of heat shock promoters.
References	Lesley SA, et al. 1987. J. Biol. Chem. 262:5404.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	947970
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rna-sigma-32-antibody-clone-3rh3-western-blot-elisa/78935>