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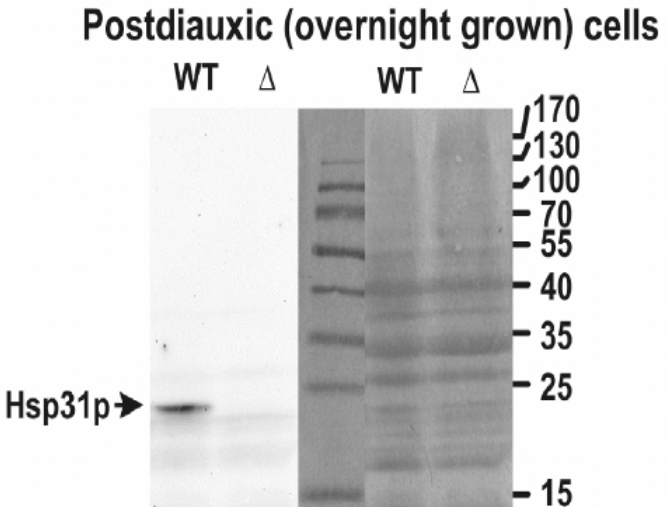
GOAT ANTI-HSP31P (YEAST, AA50-64) ANTIBODY

SKU: EB11539



SPECIFICATIONS

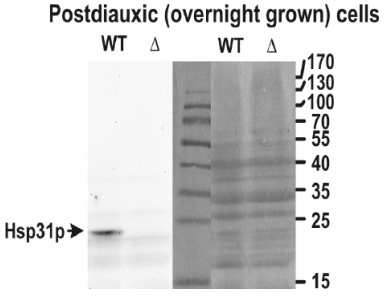
Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	YDR533C|Hsp31p
Accession ID	NP_010822.1
Blocking Peptide	EBP11539
Immunogen	Peptide with sequence C-ETGKFGWDEHSLAKD, from the internal region of the protein sequence according to NP_010822.1.
Peptide Sequence	C-ETGKFGWDEHSLAKD
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated

Predicted Species	Saccharomyces cerevisiae S288c
Reactive Species	S. cerevisiae
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 24kDa band observed in lysates of postdiauxic (overnight grown yeast cells, and no signal in KO grown under identical conditions. Cells grown in logarithmic phase show diminished signals as expected. (calculated MW of 25.7kDa according to NP_010822.1). Recommended concentration: 0.02-0.06µg/ml. This antibody has been successfully used in the following paper: Natka?ska et al (2018) PMID: 29264711.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 29264711, "intro": "**This antibody has been successfully used in Redox WB on Yeast:**", "title": "Oxidative stress triggers aggregation of GFP-tagged Hsp31p, the budding yeast environmental stress response chaperone, and glyoxalase III", "author": "Urszula Natka?ska, Adrianna Skoneczna and Marek Skoneczny", "journal": "Cell Stress and Chaperones (2018) 23:595–607"}]

DOCUMENTS

- Data Sheet

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