

AP32062PU-N**Polyclonal Antibody to HSP31p (Yeast, 50-64) - Aff - Purified**

Alternate names:	Heat Shock Protein 31, YDR533C
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Uniprot ID:	Q04432
NCBI:	NP_010822.1
GeneID:	852146
Host:	Goat
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_010822.1. Genename: Hsp31p AA Sequence: C-ETGKFGWDEHSLAKD
Format:	State: Liquid purified Ig fraction Purification: Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide Buffer System: Tris saline, pH~7.3 Preservatives: 0.02% Sodium Azide Stabilizers: 0.5% BSA
Applications:	Peptide ELISA: 1/128000 (Detection Limit). Western blot: 0.02-0.06 µg/ml. 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. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Hsp31p (Yeast, aa50-64).
Species Reactivity:	Tested: <i>S. cerevisiae</i> . Expected from sequence similarity: <i>Saccharomyces cerevisiae</i> S288c
Add. Information:	Calculated Molecular Weight: 25.7kDa (NP_010822.1).
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

HSP31 Antibody Cat.-No AP32062PU-N (0.05 µg/ml) staining of Yeast lysate (wt) and the KO (delta) in the left panel and the Ponceau stain in the right panel (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. *Data obtained by Dr. M. Skoneczny, IBB, Warsaw, Poland.*

