Datasheet for ABIN768621

anti-NUP107 antibody (N-Term)

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1 Image

Overview

Quantity:	100 µg
Target:	NUP107
Binding Specificity:	N-Term
Reactivity:	Saccharomyces cerevisiae
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NUP107 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	NUP84 (yeast)
Immunogen:	Peptide with sequence ELSPTYQTERFTK-C, from the N Terminus of the protein sequence according to NP_010167.1.
Sequence:	ELSPTYQTER FTK
Isotype:	IgG
Cross-Reactivity:	Saccharomyces cerevisiae
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

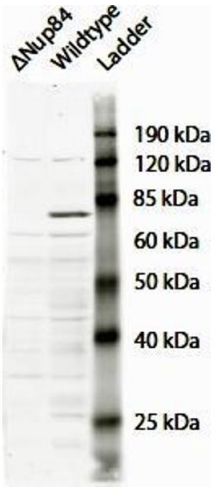
Target:	NUP107
Alternative Name:	NUP84 (NUP107 Products)
Background:	NUP84, Nup84p, YDL116W, Nuclear pore protein NUP84, Nucleoporin NUP84
Molecular Weight:	83.6kDa according to NP_010167.1
NCBI Accession:	NP_010167
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	Western Blot: Approx 75 kDa band observed in S. cerevisiae wildtype lysates but not in the knock-out strain (calculated MW of 83.6 kDa according to NP_010167.1). Recommended concentration: 2-4 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN768621 (2µg/ml) staining of Saccharomyces cerevisiae S288c lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. Data kindly provided by Dr. F Reggiori, University of Utrecht, Netherlands