

## Goat anti-NUP84 (yeast) Antibody

Item Number	dAP-2424
Target Molecule	Principle Name: NUP84 (yeast); Official Symbol: NUP84; All Names and Symbols: NUP84; Nup84p; YDL116W; Nuclear pore protein NUP84; Nucleoporin NUP84; Accession Number (s): NP_010167.1; Human Gene ID(s): ; Non-Human GeneID(s):
Immunogen	ELSPTYQTERFTK, is from N Terminus
Applications	Pep ELISA, WB Species Tested: <i>S. cerevisiae</i>
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 75kDa band observed in <i>S. cerevisiae</i> wildtype lysates but not in the knock-out strain (calculated MW of 83.6kDa according to NP_010167.1). Recommended concentration: 2-4µg/ml.
IHC	
Reference	Reference(s): Brohawn SG, Schwartz TU. Molecular architecture of the Nup84-Nup145C-Sec13 edge element in the nuclear pore complex lattice. <i>Nat Struct Mol Biol</i> . 2009 Nov;16(11):1173-7.. PMID: 19855394->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**