

Datasheet for ABIN2452059

anti-NOB1 antibody[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µL
Target:	NOB1
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant yeast Nob1p expressed in E. coli
Isotype:	IgG
Characteristics:	Product: Rabbit polyclonal antibody affinity purified with recombinant Nob1p
Purification:	Affinity purified

Target Details

Target:	NOB1
Alternative Name:	Nob1 (NOB1 Products)
Background:	Background: The 26 S proteasome is a protein complex with a molecular mass of 2,000 kDa. It is essential not only for eliminating damaged or misfolded proteins but also for degrading short lived regulatory proteins involved in cell cycle regulation, DNA repair, signal transduction, apoptosis, and metabolic regulation. Nob1p is essential nuclear protein required for biogenesis

Target Details

of the 26S proteasome. Nob1p is speculated to serve as a chaperone to join the 20S proteasome with the 19S regulatory particle in the nucleus and to be degraded upon the maturation of the 26S proteasome. Nob1p is composed of 459 amino acid residues.

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: 1) Western blotting: ~400 fold dilution
2) Immunoprecipitation Not tested for other applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, 1 mg/mL BSA as carrier, 0.09 % sodium azide, 50 % glycerol

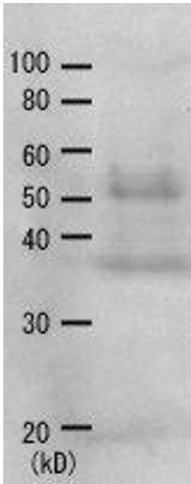
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Publications

Product cited in: Dabrowski, Olszewski, Piatek, Kur: "Novel thermostable ssDNA-binding proteins from Thermus thermophilus and T. aquaticus-expression and purification." in: **Protein expression and purification**, Vol. 26, Issue 1, pp. 131-8, (2002) ([PubMed](#)).



Western Blotting

Image 1.