

Datasheet for ABIN7161836
anti-NUP62 antibody (AA 173-522)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	NUP62
Binding Specificity:	AA 173-522
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP62 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Nuclear pore glycoprotein p62 protein (173-522AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	NUP62
Alternative Name:	NUP62 (NUP62 Products)
Background:	Background: Essential component of the nuclear pore complex (PubMed:1915414). The N-terminal is probably involved in nucleocytoplasmic transport (PubMed:1915414). The C-

Target Details

terminal is involved in protein-protein interaction probably via coiled-coil formation, promotes its association with centrosomes and may function in anchorage of p62 to the pore complex (PubMed:1915414, PubMed:24107630). Plays a role in mitotic cell cycle progression by regulating centrosome segregation, centriole maturation and spindle orientation (PubMed:24107630). It might be involved in protein recruitment to the centrosome after nuclear breakdown (PubMed:24107630).

Aliases: NUP62 antibody, Nuclear pore glycoprotein p62 antibody, 62 kDa nucleoporin antibody, Nucleoporin Nup62 antibody

UniProt: [P37198](#)

Pathways: [EGFR Signaling Pathway](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

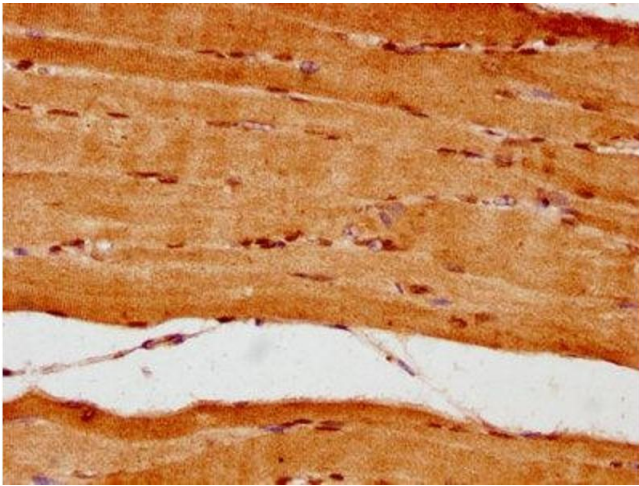
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7161836 diluted at 1:300 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: Jurkat whole cell lysate, RAW264.7 whole cell lysate, PC-3 whole cell lysate, NIH/3T3 whole cell lysate, HepG2 whole cell lysate, Hela whole cell lysate, SH-SY5Y whole cell lysate, K562 whole cell lysate, A549 whole cell lysate All lanes: NUP62 antibody at 3.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 54 kDa Observed band size: 62 kDa

Western Blotting

Image 3. Immunoprecipitating NUP62 in A549 whole cell lysate Lane 1: Rabbit control IgG instead of ABIN7161836 in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000) Lane 2: ABIN7161836 (6 µg) + A549 whole cell lysate (1 mg) Lane 3: A549 whole cell lysate (20 µg)

