# NUP62 Antibody

**PACO61578**

## Product Information

**Size:**

50ug

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC, IP

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:200-1:500, IP:1:200-1:2000

**Protein Background:**

Essential component of the nuclear pore complex. The N-terminal is probably involved in nucleocytoplasmic transport. The C-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. Plays a role in mitotic cell cycle progression by regulating centrosome segregation, centriole maturation and spindle orientation. It might be involved in protein recruitment to the centrosome after nuclear breakdown.

**Gene ID:**

NUP62

**Uniprot**

P37198

**Synonyms:**

Nuclear pore glycoprotein p62, 62 kDa nucleoporin, Nucleoporin Nup62, NUP62

**Immunogen:**

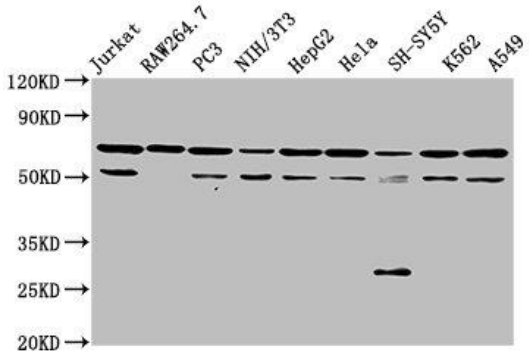
Recombinant Human Nuclear pore glycoprotein p62 protein (173-522AA).

**Storage:**

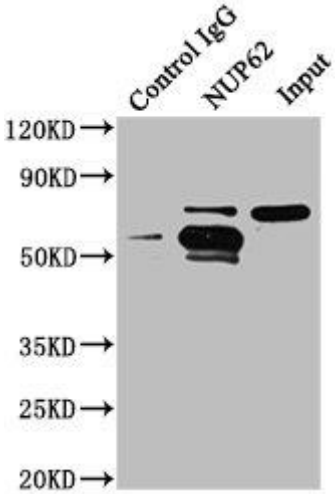
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

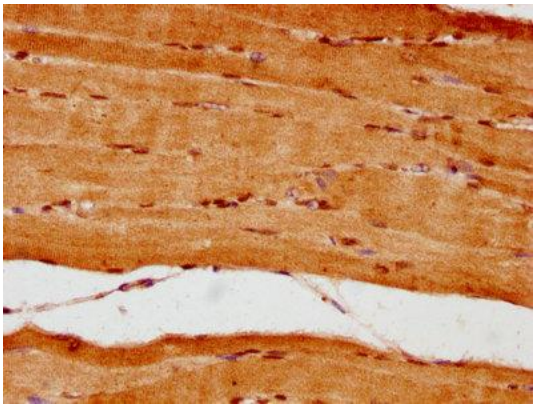
## Product Images




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 3.5µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 54 kDa. Observed band size: 62 kDa.




Immunoprecipitating NUP62 in A549 whole cell lysate. Lane 1: Rabbit control IgG instead of PACO61578 in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000). Lane 2: PACO61578 (6µg) + A549 whole cell lysate (1mg). Lane 3: A549 whole cell lysate (20µg).



IHC image of PACO61578 diluted at 1:300 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM 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 30min 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.