

## NUP62 Antibody

*Nuclear pore glycoprotein p62, 62 kDa nucleoporin*

**CATALOG NO.:** XW-8071

**BACKGROUND:**

**FUNCTION:** Essential component of the nuclear pore complex. The N-terminal is probably involved in nucleocytoplasmic transport. The C-terminal is probably involved in protein-protein interaction via coiled-coil formation and may function in anchorage of p62 to the pore complex. **SUBUNIT:** Component of the p62 complex, a complex at least composed of NUP62, NUP54, and NUPL1 (By similarity) **SUBCELLULAR LOCATION:** Nucleus; nuclear envelope; nuclear pore complex. Central region of the nuclear pore, within the transporter. During mitotic cell division, it associates with the poles of the mitotic spindle. **DOMAIN:** Contains F-X-F-G repeats. **SIMILARITY:** Belongs to the NUP62 family. **SUMMARY:** Nuclear pore complexes mediate active transport of protein and RNA through the nuclear envelope. Nucleoporins are glycoproteins that contain N-acetylglucosamine residues O-linked to serine and possibly threonine. They are localized to the central 'transporter' region of the pore complex. \*\*Cat.No. XW-8071 Nuclear pore glycoprotein p62 IgY

**STORAGE:**

This antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.

**TESTED APPLICATION:**

WB

**SPECIES REACTIVITY:**

H

**CLONALITY:**

Polyclonal

**HOST:**

Chicken

**IMMUNOGEN:**

328-522

**PROTEIN GI #:**

7705355

**PROTEIN ACCESSION #:**

NP\_057637.1

**PURIFICATION:**

Immunoaffinity Purified

**BUFFER:**

Phosphate-Buffered Saline. No preservatives added.

**APPLICATION:**

Nuclear pore glycoprotein p62 IgY antibody can be used for the detection of Nuclear pore glycoprotein p62 by Western Blot.