

Datasheet for ABIN2856548

**anti-NUP62 antibody**

5 Images

1 Publication

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## Overview

Quantity:	100 µL
Target:	NUP62
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP62 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Nucleoporin p62. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Nucleoporin p62 (nucleoporin 62 kDa) Nucleoporin p62 antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	NUP62
Alternative Name:	nucleoporin 62 ( <a href="#">NUP62 Products</a> )

## Target Details

**Background:** The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform.

Cellular Localization: Nucleus , nuclear pore complex

**Molecular Weight:** 53 kDa

**Gene ID:** 23636

**UniProt:** [P37198](#)

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

## Application Details

**Application Notes:** WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: NIH-3T3 , JC , BCL-1 , C2C12 , PC-12 , HepG2

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** 1XPBS ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

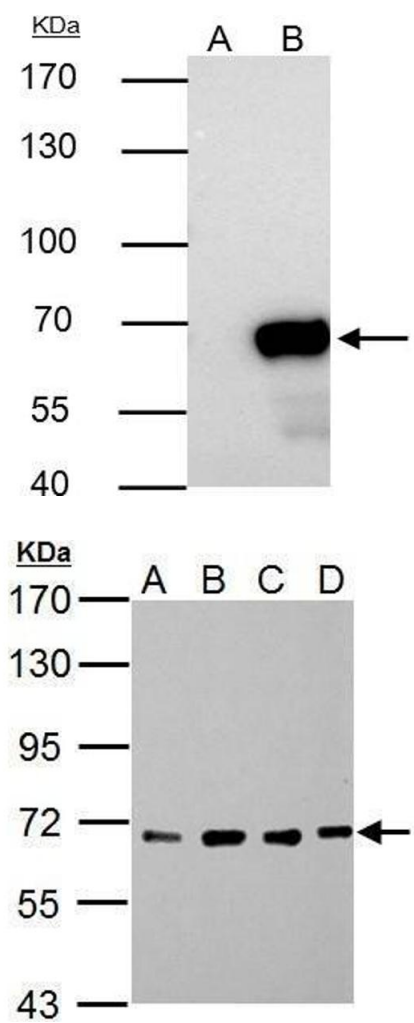
**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Publications

Product cited in: Piquet, Le Parc, Bai, Chevallier, Adam, Polo: "The Histone Chaperone FACT Coordinates H2A.X-Dependent Signaling and Repair of DNA Damage." in: **Molecular cell**, Vol. 72, Issue 5, pp. 888-901.e7, (2018) ([PubMed](#)).

Images

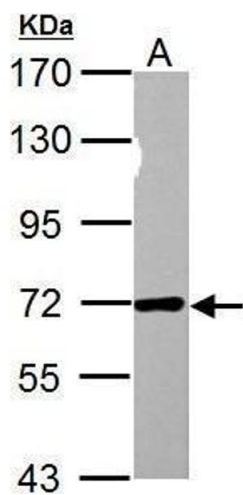


**Immunoprecipitation**

**Image 1.** IP Image Nucleoporin p62 antibody immunoprecipitates NUP62 protein in IP experiments. IP samples: 293T whole cell extract A. Control with 4 µg of preimmune Rabbit IgG B. Immunoprecipitation of NUP62 protein by 4 µg Nucleoporin p62 antibody , 7.5 % SDS-PAGE The immunoprecipitated NUP62 protein was detected by Nucleoporin p62 antibody , diluted at 1:1000. [EasyBlot anti-rabbit IgG was used as a secondary reagent]

**Western Blotting**

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC C: BCL-1 D: C2C12 7.5% SDS PAGE antibody diluted at 1:5000



#### Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A:  
PC-12 7.5% SDS PAGE antibody diluted at 1:5000

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856548.