

Datasheet for ABIN7269045

anti-NUP62 antibody**3** Images[Go to Product page](#)

Overview

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|--------------|---|
| Quantity: | 100 µL |
| Target: | NUP62 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This NUP62 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunoprecipitation (IP) |

Product Details

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|-------------------|-------------------------------------|
| Purpose: | NUP62 Rabbit mAb |
| Immunogen: | Recombinant protein of human NUP62. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Monoclonal Antibodies |
| Purification: | Affinity purification |

Target Details

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|-------------------|---|
| Target: | NUP62 |
| Alternative Name: | NUP62 (NUP62 Products) |
| Background: | The nuclear pore complex is a massive structure that extends across the nuclear envelope, |

Target Details

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.,NUP62, IBSN, SNDI, p62, nucleoporin 62,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Growth factor,EGF,NUP62

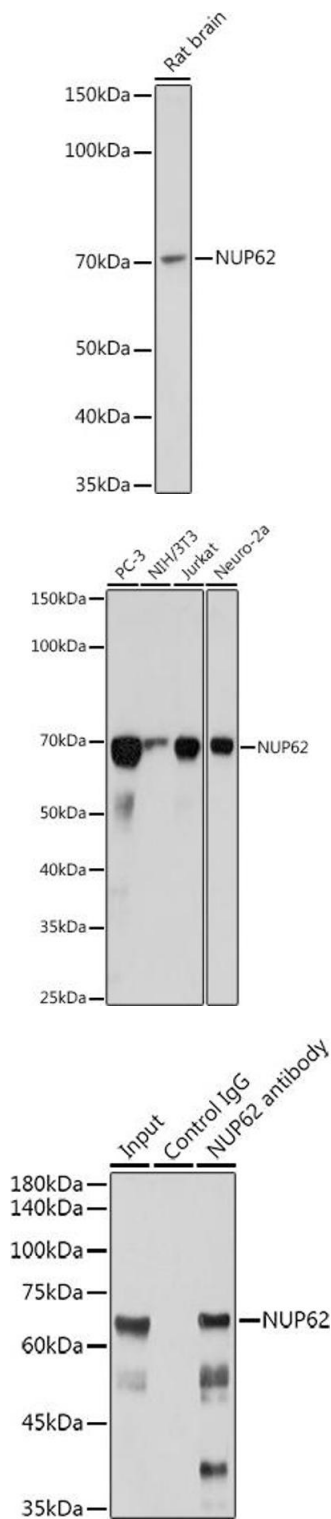
| | |
|-------------------|---|
| Molecular Weight: | 70kDa |
| Gene ID: | 23636 |
| UniProt: | P37198 |
| Pathways: | EGFR Signaling Pathway , SARS-CoV-2 Protein Interactome |

Application Details

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|--------------------|-----------------------------------|
| Application Notes: | WB,1:500 - 1:2000,IP,1:50 - 1:200 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3. |
| 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 |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of Rat brain, using NUP62 antibody (ABIN7269045) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NUP62 antibody (ABIN7269045) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

Immunoprecipitation

Image 3. Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg NUP62 antibody (ABIN7269045). Western blot was performed from the immunoprecipitate using NUP62 antibody (ABIN7269045) at a dilution of 1:1000.