Datasheet for ABIN2791710

# anti-NUP62 antibody (Middle Region)

Go to Product page

## 1 Image

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | NUP62 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Dog, Guinea Pig, Horse, Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NUP62 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of Human NUP62 |
| Sequence: | TAPPGPGAAA GAAASSAMTY AQLESLINKW SLELEDQERH FLQQATQVNA |
| Predicted Reactivity: | Dog: 85%, Guinea Pig: 77%, Horse: 77%, Human: 100%, Mouse: 77%, Pig: 85%, Rat: 77% |
| Characteristics: | This is a rabbit polyclonal antibody against NUP62. It was validated on Western Blot. |
| Purification: | Affinity Purified |

## 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

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| | 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. NUP62 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.<br>Alias Symbols: IBSN, SNDI, p62<br>Protein Interaction Partner: CEP57L1, CCDC150, SSC5D, KANSL1, CCDC153, TXLNA, AGR3, C1orf216, IKBIP, HAUS1, KLHL32, IFT20, MYO15B, CENPU, CCDC121, CCDC146, THAP1, CRCT1, CCHCR1, KRT20, NUP54, PHF21A, CCDC53, BLOC1S6, ISCU, XPO6, OIP5, NXF1, SNAPC5, NUTF2, ABI2, NUPL1, ADAM15, UBC, SM<br>Protein Size: 522 |
| Molecular Weight: | 57 kDa |
| Gene ID: | 23636 |
| NCBI Accession: | NM_153719, NP_714941 |
| UniProt: | P37198 |
| Pathways: | EGFR Signaling Pathway, SARS-CoV-2 Protein Interactome |

## Application Details

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| Restrictions: | For Research Use only |

## Handling

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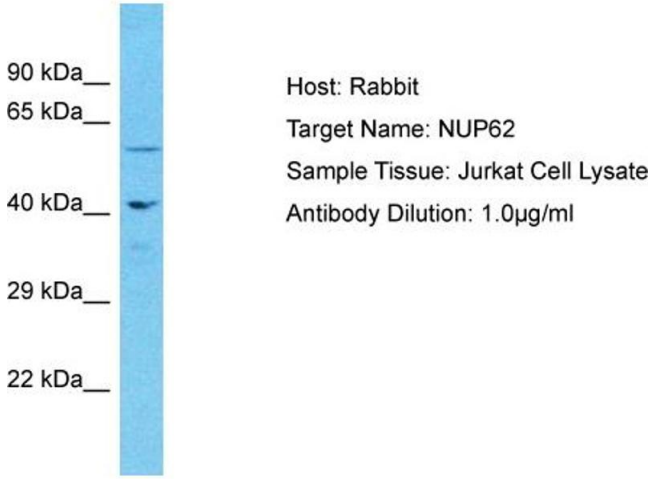
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small |

## Handling

aliquots to prevent freeze-thaw cycles.

## Images




**Western Blotting**

**Image 1.** Host: Rabbit Target Name: NUP62 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml NUP62 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells