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Datasheet for ABIN1713823 anti-NUP210 antibody (AA 1161-1260)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | NUP210 |
| Binding Specificity: | AA 1161-1260 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NUP210 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human GP210 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | NUP210 |
| Alternative Name: | GP210 (NUP210 Products) |

Target Details

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| Background: | <p>Synonyms: FLJ22389, GP 210, KIAA0906, Nuclear envelope pore membrane protein POM 210, Nuclear pore membrane glycoprotein 210, Nuclear pore protein gp210, Nucleoporin 210, Nucleoporin 210 kDa, Nucleoporin Nup210, Nucleoporin210, NUP 210, NUP210, PO210_HUMAN, POM 210, POM210, Pore membrane protein of 210 kDa.</p> <p>Background: The nuclear pore complex (NPC) mediates bidirectional macromolecular traffic between the nucleus and cytoplasm in eukaryotic cells and is comprised of more than 100 different subunits. Many of the subunits belong to a family called nucleoporins (Nups), which are characterized by the presence of O-linked-N-acetylglucosamine moieties and a distinctive pentapeptide repeat (XFXFG). gp210, also known as Nup210 (nucleoporin 210 kDa) or POM210, is a 1,887 amino acid single-pass type I membrane protein that localizes to both the endoplasmic reticulum and to the nucleus, specifically within the NPC. Expressed ubiquitously with highest expression in pancreas, testis, lung, ovary and liver, gp210 functions as a nucleoporin that is capable of dimerization and is essential for the assembly, fusion and structural integrity of the NPC. gp210 exists as multiple alternatively spliced isoforms and is subject to post-translational phosphorylation.</p> |
| Gene ID: | 23225 |
| UniProt: | Q8TEM1 |
| Pathways: | SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection |

Application Details

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| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
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Handling

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| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |