

Datasheet for ABIN391711
anti-NUP62 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	NUP62
Binding Specificity:	AA 492-520, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP62 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This NUP62 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 492-520 amino acids from the C-terminal region of human NUP62.
Clone:	RB18108
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	NUP62
Alternative Name:	NUP62 (NUP62 Products)

Target Details

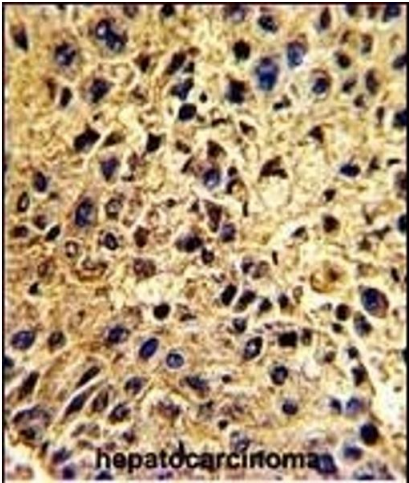
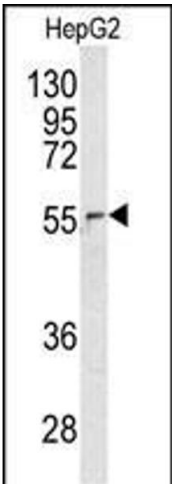
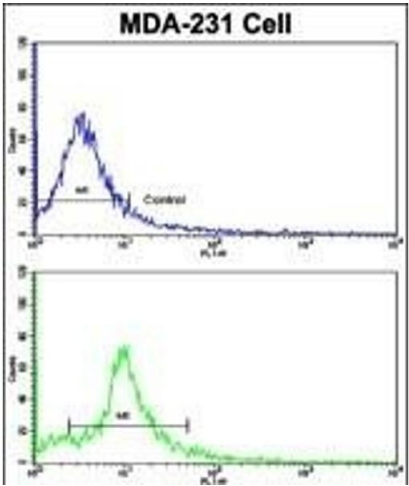
Background:	NUP62 is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. This protein is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. The protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals.
Molecular Weight:	53255
Gene ID:	23636
NCBI Accession:	NP_001180286 , NP_036478 , NP_057637 , NP_714940 , NP_714941
UniProt:	P37198
Pathways:	EGFR Signaling Pathway , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. Flow cytometric analysis of MDA-231 cells using NUP62 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of NUP62 antibody (C-term) (ABIN391711 and ABIN2841603) in HepG2 cell line lysates (35 µg/lane). NUP62 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human hepatocarcinoma with NUP62 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.