Order online now!

www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 600-401-DF4

NUP155 Antibody

Overview

Description:	Anti-NUP155 (RABBIT) Antibody - 600-401-DF4
Item No.:	600-401-DF4
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	The nuclear pore complex (NPC) is a protein assembly localized at the nuclear rim and mediates macromolecular transport between the nucleus and the cytoplasm. One protein in this assembly is the nucleoporin (NUP)-155, which is localized symmetrically to both the nucleoplasmic and cytoplasmic faces of the NPC. NUP155 has been reported to interact with both NUP35 and the mRNA export factor Gle1, but the functions of these interactions are still unknown. NUP155 has also been shown to be required for NPC assembly and nuclear envelope (NE) membrane fusion. NUP155 is recruited late in NE formation, suggesting that NUP155 defines an essential late step in NE assembly. NUP155 has recently been identified as an HIV dependency factor (HDF), suggesting that NUP155 may be an important drug target in HIV treatment. At least two isoforms of NUP155 are known to exist.
Synonyms:	NUP155 Antibody, N155, KIAA0791, Nuclear pore complex protein Nup155, 155 kDa nucleoporin
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	NUP155
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-NUP155 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 18 amino acid synthetic peptide from near the C-terminus of human NUP155.
Purity/Specificity:	Anti-NUP155 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with NUP155 from other sources has not been determined.
Relevant Links:	• UniProtKB - O75694 • GeneID - 9631 • NCBI - NP_705618

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-NUP155 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 155 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:10,000
WB:	0.5-1 µg/mL

Formulation

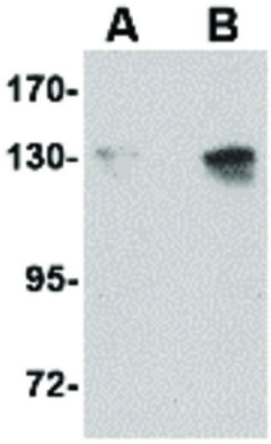
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot
Western Blot of NUP155 antibody. Lane A: P815 cell lysate at 0.5 µg/mL. Lane B: P815 cell lysate at 1 µg/mL. Load: 35 µg per lane. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 155.1 kDa, 130 kDa for NUP155.

Disclaimer