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Datasheet for ABIN500397
anti-NUP155 antibody (C-Term)

1 Image

Overview

Quantity:	0.1 mg
Target:	NUP155
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP155 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	NUP155 antibody was raised against a 18 amino acid peptide from near the carboxy terminus of human NUP155.
Isotype:	IgG
Specificity:	This antibody detects NUP155 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse
Purification:	Peptide affinity chromatography

Target Details

Target:	NUP155
Alternative Name:	NUP155 (NUP155 Products)

Target Details

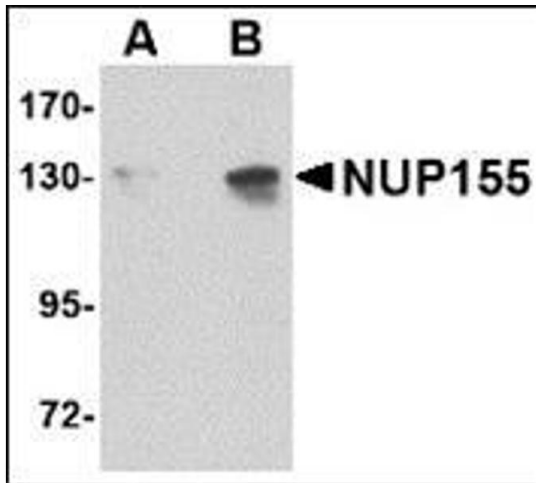
Background:	<p>The nuclear pore complex (NPC) is a protein assembly localized at the nuclear rim and mediates macromolecular transport between the nucleus and the cytoplasm. One protein in this assembly is the nucleoporin (NUP)-155, which is localized symmetrically to both the nucleoplasmic and cytoplasmic 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: 155 kDa nucleoporin, KIAA0791, Nuclear pore complex protein Nup155, Nucleoporin Nup155</p>
Gene ID:	9631
NCBI Accession:	NP_705618
UniProt:	O75694
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	<p>ELISA. Western blot: 0.5 - 1 µg/mL.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

Handling

Buffer:	PBS containing 0.02 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of NUP155 in P815 cell lysate with this product at (A) 0.5 and (B) 1 µg/ml.