

Datasheet for ABIN2788808
anti-NUP153 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NUP153
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Pig, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP153 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	PKCQPVFSFG NSEQTKDENS SKSTFSFSMT KPSEKESEQP AKATFAFGAQ
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 93%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 93%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against NUP153. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NUP153
Alternative Name:	NUP153 (NUP153 Products)
Background:	Nuclear pore complexes are extremely elaborate structures that mediate the regulated

Target Details

movement of macromolecules between the nucleus and cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. Nucleoporins are pore complex-specific glycoproteins characterized by cytoplasmically oriented O-linked N-acetylglucosamine residues and numerous repeats of the pentapeptide sequence XFXFG. The protein encoded by this gene has three distinct domains: a N-terminal region within which a pore targeting domain has been identified, a central region containing multiple zinc finger motifs, and a C-terminal region containing multiple XFXFG repeats.

Alias Symbols: HNUP153, N153

Protein Interaction Partner: UBC, HDAC11, LMNA, ESR1, PNPT1, DPY30, FIP1L1, NUP107, NUP54, NUP50, NCAPD2, PRKCSH, MEA1, EIF4B, EEF1B2, CSTF2, C1QBP, CUL3, SIRT7, RANBP2, CTNNB1, XPO7, SUMO2, SMAD3, SUMO1, MAPK3, MAPK1, Mki67, Kifc5b, MYC, KPNB1, tat, APC, USP20, USP11, TPR, SENP2, XP

Protein Size: 1475

Molecular Weight: 162 kDa

Gene ID: 9972

NCBI Accession: [NM_005124](#), [NP_005115](#)

UniProt: [P49790](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 1475 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

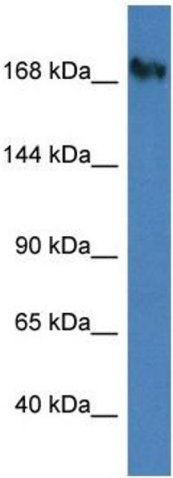
Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Handling

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 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 aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NUP153 Antibody Titration:
1.0 ug/ml Positive Control: Fetal Lung