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Datasheet for ABIN7269044  
**anti-NUP54 antibody (AA 100-400)**

1 Image

Overview

Quantity:	100 µL
Target:	NUP54
Binding Specificity:	AA 100-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP54 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	NUP54 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 100-400 of human NUP54 (NP_059122.2).
Sequence:	LGGLFSQPTQ APTQSNQLIN TASALSAPTL LGDERDAILA KWNQLQAFWG TGKGYFNNNI PPVEFTQENP FCRFKAVGYS CMPSNKDEDG LVVLVFNKKE TEIRSQQQQL VESLHKVLGG NQTLTVNVEG TKTLPDDQTE VVIYVVERSP NGTSRRVPAT TLYAHFEQAN IKTQLQQLGV TLSMTRTELS PAQIKQLLQN PPAGVDPIIW EQAKVDNPDS EKLIPVPMVG FKELLRRLKV QDQMTKQHQT RLDIISEDIS ELQKNQTTSV AKIAQYKRKL MDLSHRTLQV LIKQEIQRKS G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: NUP54

Alternative Name: NUP54 ([NUP54 Products](#))

Background: The nuclear envelope creates distinct nuclear and cytoplasmic compartments in eukaryotic cells. It consists of two concentric membranes perforated by nuclear pores, large protein complexes that form aqueous channels to regulate the flow of macromolecules between the nucleus and the cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. This gene encodes a member of the phe-gly (FG) repeat-containing nucleoporin subset. Multiple alternatively spliced transcript variants have been found for this gene.,NUP54,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,Signal Transduction,Endocrine & Metabolism,NUP54

Molecular Weight: 33kDa/50kDa/55kDa

Gene ID: 53371

UniProt: [Q7Z3B4](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: WB,1:200 - 1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

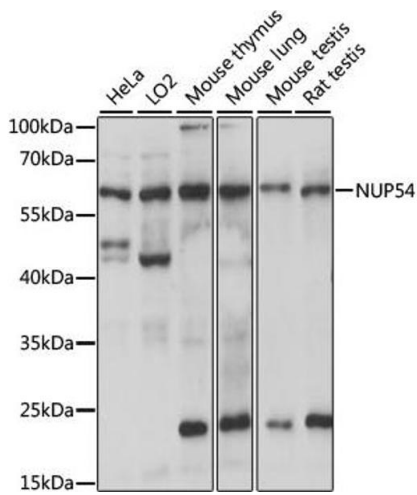
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using NUP54 antibody (ABIN7269044) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.