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Datasheet for ABIN2790486
anti-NUP54 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	NUP54
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUP54 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human NUP54
Sequence:	AGVDPIIWEQ AKVDNPDSEK LIPVPMVGFK ELLRRLKVQD QMTKQHQTRL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NUP54. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NUP54
Alternative Name:	NUP54 (NUP54 Products)

Target Details

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.

Alias Symbols: MGC13407

Protein Interaction Partner: HAUS1, IFT20, NUP62, NUPL1, HGS, KRT15, DGCR6, VCP, UBC, SPEN, NUP153, HDAC1, APC, CCDC85B, NUTF2, AP2B1, SSR1, KPNB1, KPNA1,

Protein Size: 507

Molecular Weight: 56 kDa

Gene ID: 53371

NCBI Accession: [NM_017426](#), [NP_059122](#)

UniProt: [Q7Z3B4](#)

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

Application Details

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

Comment: Antigen size: 507 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

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

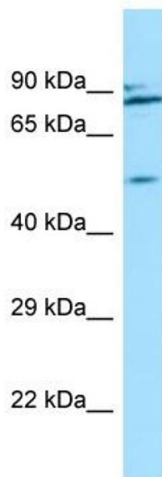
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

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-NUP54 Antibody Titration: 1.0 ug/ml Positive Control: COLO205 Whole Cell NUP54 is strongly supported by BioGPS gene expression data to be expressed in Human COLO205 cells