

RNF43 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13204B

Specification

RNF43 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q68DV7
Other Accession	NP_060233.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	543-572

RNF43 Antibody (C-term) - Additional Information

Gene ID 54894

Other Names

E3 ubiquitin-protein ligase RNF43, 632-, RING finger protein 43, RNF43

Target/Specificity

This RNF43 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 543-572 amino acids from the C-terminal region of human RNF43.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RNF43 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF43 Antibody (C-term) - Protein Information

Name RNF43

Function E3 ubiquitin-protein ligase that acts as a negative regulator of the Wnt signaling pathway by mediating the ubiquitination, endocytosis and subsequent degradation of Wnt

receptor complex components Frizzled. Acts on both canonical and non-canonical Wnt signaling pathway (PubMed:[18313049](#), PubMed:[22575959](#), PubMed:[22895187](#)). Along with RSPO2 and ZNRF3, constitutes a master switch that governs limb specification (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Nucleus envelope. Note=According to a report, may be secreted

Tissue Location

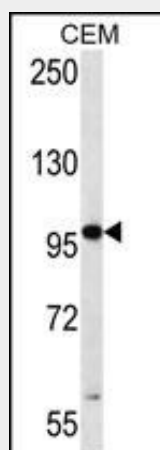
Expressed in fetal kidney, fetal lung, in colon cancer tissues, hepatocellular carcinomas and lung adenocarcinomas Overexpressed in colorectal cancer cell lines

RNF43 Antibody (C-term) - Protocols

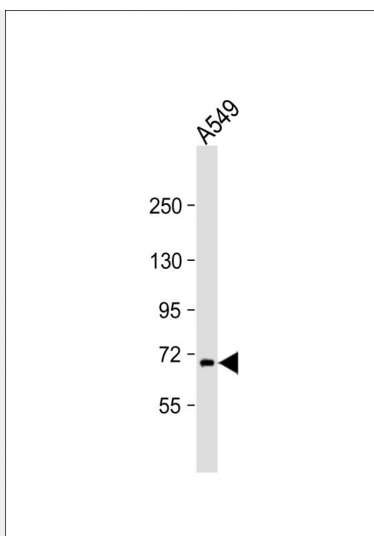
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNF43 Antibody (C-term) - Images



RNF43 Antibody (C-term) (Cat. #AP13204b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the RNF43 antibody detected the RNF43 protein (arrow).



Anti-RNF43 Antibody (C-term) at 1:2000 dilution + A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 86 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

RNF43 Antibody (C-term) - Background

RNF43 is a HAP95 (AKAP8L; MIM 609475) binding ubiquitin ligase that promotes cell growth and is upregulated in colon cancer (Yagyu et al., 2004 [PubMed 15492824]; Sugiura et al., 2008 [PubMed 18313049]).

RNF43 Antibody (C-term) - References

Low, S.K., et al. PLoS ONE 5 (7), E11824 (2010) :
Sugiura, T., et al. Exp. Cell Res. 314(7):1519-1528(2008)
Uchida, N., et al. Clin. Cancer Res. 10(24):8577-8586(2004)
Yagyu, R., et al. Int. J. Oncol. 25(5):1343-1348(2004)