

Rabbit RNF43 Polyclonal Antibody | anti-RNF43 antibody

Anti-RNF43 Picoband Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA124661	Rabbit	human, Mouse, Rat No cross reactivity with other proteins.	Western Blot, ELISA

PRODUCT SYNONYMS

RNF43; Polyclonal Antibody; Anti-RNF43 Picoband Antibody; E3 ubiquitin-protein ligase RNF43; RING finger protein 43; RING-type E3 ubiquitin transferase RNF43; anti-RNF43 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	Lyophilized
Sequence Length	869
Applicable Applications for anti-RNF43 antibody	WB (Western Blot), ELISA
Immunogen	E Coli-derived human RNF43 recombinant protein (Position: G24-Y197).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Preparation and Storage	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-RNF43 antibody	Description: RNF43 is a HAP95 (AKAP8L) binding ubiquitin ligase that promotes cell growth and is upregulated in colon cancer. The protein encoded by this gene is a RING-type E3 ubiquitin ligase and is predicted to contain a transmembrane domain, a protease-associated domain, an ectodomain, and a cytoplasmic RING domain. This protein is thought to negatively regulate Wnt signaling, and expression of this gene results in an increase in ubiquitination of frizzled receptors, an alteration in their subcellular distribution, resulting in reduced surface levels of these receptors. Mutations in this gene have been reported in multiple tumor cells, including colorectal and endometrial cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. Protein 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. Acts as a tumor suppressor in the intestinal stem cell zone by inhibiting the Wnt signaling pathway, thereby restricting the size of the intestinal stem cell zone.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	770075665
NCBI GeneID	54894

NCBI Accession #	NP_001292473.1
NCBI GenBank Nucleotide #	NM_001305544.1
UniProt Accession #	Q68DV7; Q65ZA4; Q6AI04; Q9NXD0; A8K4R2; B7Z443; B7Z5D5; B7Z5J5
NCBI Official Full Name	E3 ubiquitin-protein ligase RNF43 isoform 1
NCBI Official Synonym Full Names	ring finger protein 43
NCBI Official Symbol	RNF43
NCBI Official Synonym Symbols	URCC; SSPCS; RNF124
NCBI Protein Information	E3 ubiquitin-protein ligase RNF43
UniProt Protein Name	E3 ubiquitin-protein ligase RNF43
UniProt Gene Name	RNF43

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rnf43-antibody-western-blot-elisa/124661>