

Product datasheet

Anti-RNF43 antibody ab217787

★★★★★ 1 Abreviews 2 Images

Overview

Product name	Anti-RNF43 antibody
Description	Rabbit polyclonal to RNF43
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat
Immunogen	Synthetic peptide within Human RNF43 aa 30-80 conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary. Sequence: LVLAAVESERSAEQKAIIRVIPLKMDPTGKLNLTLEGV FAGVAEITPAE G Database link: Q68DV7 Run BLAST with Run BLAST with
Positive control	Human lung carcinoma and mouse testis tissues.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol, 1% BSA
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab217787** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500.

Target

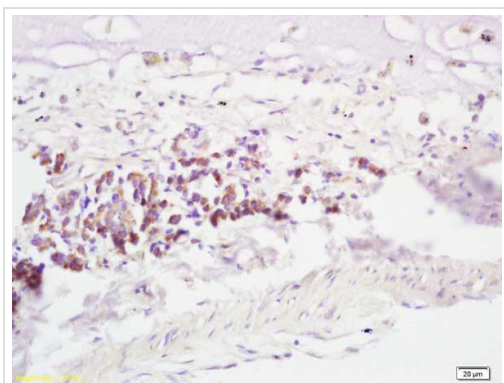
Relevance

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. Tissue specificity: Expressed in fetal kidney, fetal lung, in colon cancer tissues, hepatocellular carcinomas and lung adenocarcinomas. Overexpressed in colorectal cancer cell lines. Pathway: Protein modification; protein ubiquitination. Similarity: Belongs to the ZNRF3 family. Contains 1 RING-type zinc finger. PTM: Autoubiquitinated.

Cellular localization

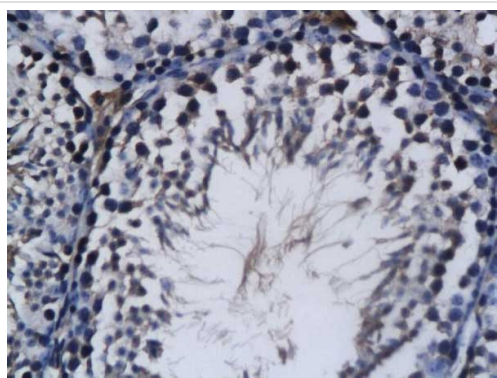
Endoplasmic reticulum membrane; Single-pass type I membrane protein. Nucleus envelope.
Note: may be secreted.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lung carcinoma tissue labeling RNF43 with ab217787 at 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RNF43 antibody (ab217787)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RNF43 antibody (ab217787)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded mouse testis tissue labeling RNF43 with ab217787 at 1/100 dilution, followed by conjugation to the secondary antibody and DAB staining.

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