

Anti-FUZ antibody ab122742

[1 References](#) [3 Images](#)

Overview

Product name	Anti-FUZ antibody
Description	Rabbit polyclonal to FUZ
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	antigen sequence: LLRNFYTLVT STHFPPEPGP PEKTEDEVYQ AQLPRACYLV LGTEEPGTGV RLVALQLGLR RLLLLSPQS PTHGLRSLAT HTLHALTP, corresponding to amino acids 329-416 of Human FUZ. Run BLAST with Expasy Run BLAST with NCBI
Positive control	Human smooth muscle tissue
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab122742 in the following tested applications.

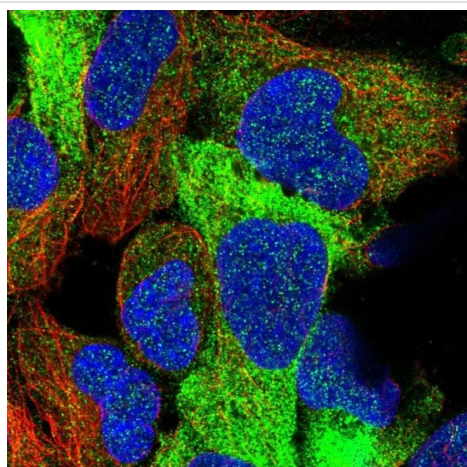
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

Target

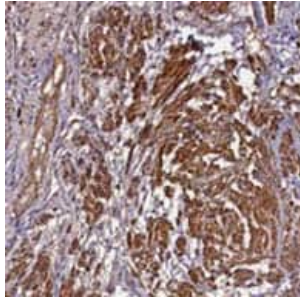
Function	Probable planar cell polarity effector involved in cilium biogenesis. May regulate protein and membrane transport to the cilium. May regulate the morphogenesis of hair follicles which depends on functional primary cilia.
Sequence similarities	Belongs to the fuzzy family.
Cellular localization	Cytoplasm. Cytoplasm > cytoskeleton.

Images



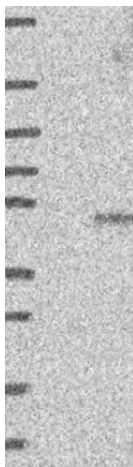
Immunocytochemistry/immunofluorescence analysis of HEK293 cells labelling FUZ with ab122742 shows positive staining in the cytoplasm.

Immunocytochemistry/ Immunofluorescence - Anti-FUZ antibody (ab122742)



ab122742 at 1/50 dilution staining FUZ in Paraffin-embedded Human smooth muscle tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FUZ antibody (ab122742)



Lane 1: Marker [kDa] 250; 130; 95; 72; 55; 36; 28; 17; 10
 Lane 2: Negative control (vector only transfected HEK293T lysate)
 Lane 3: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells. Lane 1: Marker [kDa] 250; 130; 95; 72; 55; 36; 28; 17; 10
 Lane 2: Negative control (vector only transfected HEK293T lysate)
 Lane 3: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells.

Western blot - Anti-FUZ antibody (ab122742)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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