

Product datasheet

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 RLLLLLSPQS 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>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as 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

Our [Abpromise guarantee](#) covers the use of **ab122742** in the following tested applications.

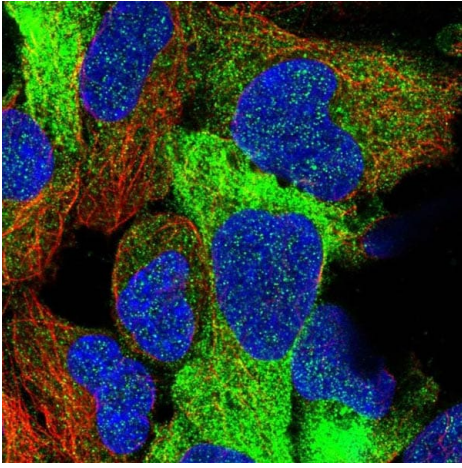
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

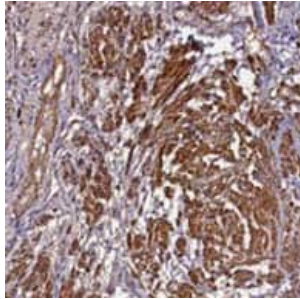
Function	Probable planar cell polarity effector involved in cilium biogenesis. May regulate protein and membrane transport to the cilium. May regulate the morphogenesis of hair follicles which depends on functional primary cilia.
Sequence similarities	Belongs to the fuzzy family.
Cellular localization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

Images



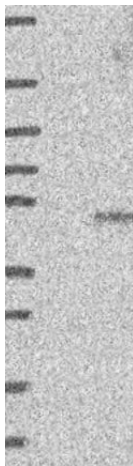
Immunocytochemistry/ Immunofluorescence - Anti-FUZ antibody (ab122742)

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



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

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



Western blot - 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.

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

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