

Anti-EFEMP1/Fibulin-3 antibody ab106429

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

Overview

Product name	Anti-EFEMP1/Fibulin-3 antibody
Description	Rabbit polyclonal to EFEMP1/Fibulin-3
Host species	Rabbit
Specificity	ab106429 is predicted not to cross-react with other Fibulin proteins.
Tested applications	Suitable for: ICC/IF, WB, ICC
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human EFEMP1/Fibulin-3 (C terminal). Database link: Q12805
Positive control	HeLa cell lysate.
General notes	<p>Antibodies should not be exposed to prolonged high temperatures.</p> <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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Please see notes section.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab106429 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
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 55 kDa.
ICC		Use a concentration of 20 µg/ml.

Target

Function

Binds EGFR, the EGF receptor, inducing EGFR autophosphorylation and the activation of downstream signaling pathways. May play a role in cell adhesion and migration. May function as a negative regulator of chondrocyte differentiation. In the olfactory epithelium, it may regulate glial cell migration, differentiation and the ability of glial cells to support neuronal neurite outgrowth.

Tissue specificity

In the eye, associated with photoreceptor outer and inner segment regions, the nerve fiber layer, outer nuclear layer and inner and outer plexiform layers of the retina.

Involvement in disease

Defects in EFEMP1 are a cause of Doyme honeycomb retinal dystrophy (DHRD) [MIM:126600]; also known as malattia leventinese (MLVT) (ML). DHRD is an autosomal dominant disease characterized by yellow-white deposits known as drusen that accumulate beneath the retinal pigment epithelium.

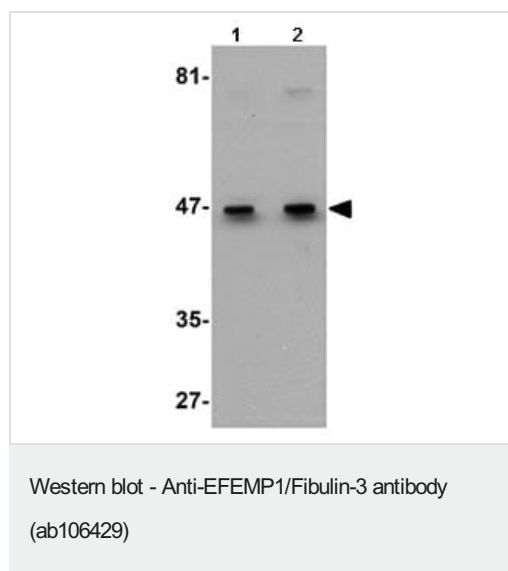
Sequence similarities

Belongs to the fibulin family.
Contains 6 EGF-like domains.

Cellular localization

Secreted > extracellular space. Secreted > extracellular space > extracellular matrix. Localizes to the lamina propria underneath the olfactory epithelium.

Images



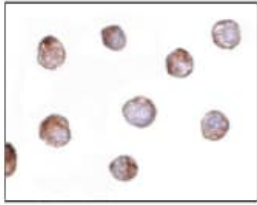
Lane 1 : Anti-EFEMP1/Fibulin-3 antibody (ab106429) at 0.5 µg/ml

Lane 2 : Anti-EFEMP1/Fibulin-3 antibody (ab106429) at 1 µg/ml

All lanes : HeLa cell lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 55 kDa



Immunohistochemical analysis of HeLa cells labelling
EFEMP1/Fibulin-3 with ab106429 at 20 µg/ml.

Immunocytochemistry - Anti-EFEMP1/Fibulin-3
antibody (ab106429)

Immunocytochemistry/ Immunofluorescence - Anti-
EFEMP1/Fibulin-3 antibody (ab106429)

Immunofluorescence analysis of Hela cells labelling Fibulin 3
with ab106429 at 20 ug/ml.

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

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