

Product datasheet

Anti-EGFL6 antibody ab140079

3 References 3 Images

Overview

Product name	Anti-EGFL6 antibody
Description	Rabbit polyclonal to EGFL6
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment, corresponding to amino acids 30-219 of Human EGFL6 (BC038587). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	WB: Human fetal kidney lysate. IHC-P: Human fetal liver tissue. ICC/IF: HEK293 cells.

Properties

Form	Lyophilised:Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
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: 98% PBS, 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab140079** in the following tested applications.

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

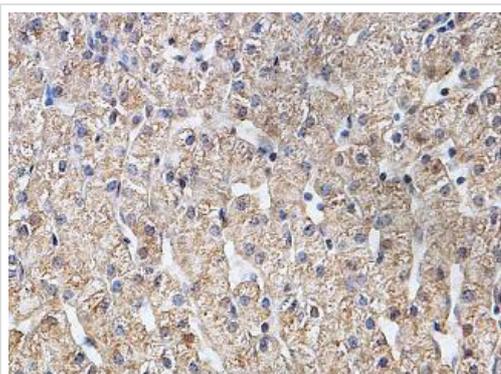
Application	Abreviews	Notes
WB		1/1000 - 1/2000. Predicted molecular weight: 61 kDa.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500.
ICC/IF		Use a concentration of 5 µg/ml.

Target

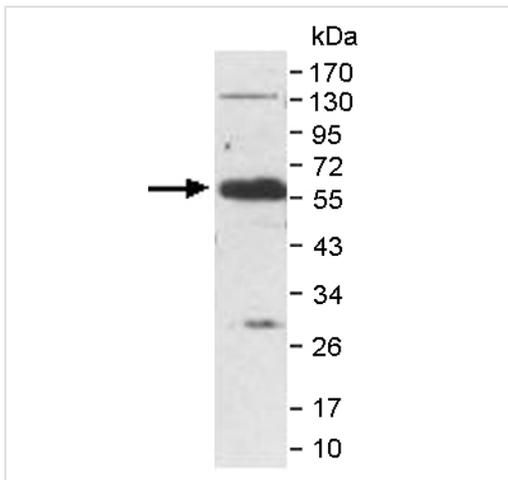
Function	May bind integrin alpha-8/beta-1 and play a role in hair follicle morphogenesis. Promotes matrix assembly.
Sequence similarities	Belongs to the nephronectin family. Contains 5 EGF-like domains. Contains 1 MAM domain.
Developmental stage	Only detected in fetal tissues.
Cellular localization	Secreted > extracellular space > extracellular matrix > basement membrane.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded, Human fetal liver tissue labelling EGFL6 with ab140079 at 1/100 dilution.

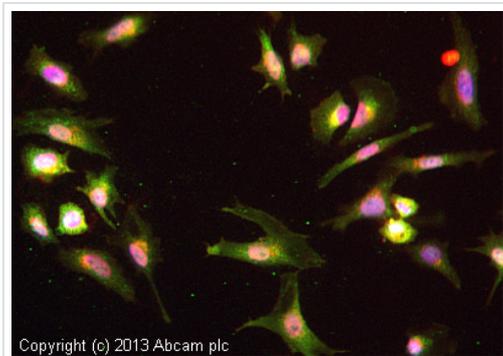
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EGFL6 antibody (ab140079)



Western blot - Anti-EGFL6 antibody (ab140079)

Anti-EGFL6 antibody (ab140079) at 1/1000 dilution + Human fetal kidney lysate

Predicted band size: 61 kDa



Immunocytochemistry/ Immunofluorescence - Anti-EGFL6 antibody (ab140079)

ICC/IF image of ab140079 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab140079, 5µg/ml) overnight at +4°C. The secondary antibody (green) was ab96899, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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