

Product Name: Collagen VIII alpha 2 Rabbit Polyclonal Antibody
Catalog #: APRab00804

Summary

Production Name	Collagen VIII alpha 2 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	COL8A2
Alternative Names	Collagen alpha-2(VIII) chain (Endothelial collagen)
Gene ID	1296
SwissProt ID	P25067

Application

Dilution Ratio	WB: 1/500-1/1000 ELISA: 1/10000
Molecular Weight	Calculated MW: 67 kDa; Observed MW: 80 kDa

Background

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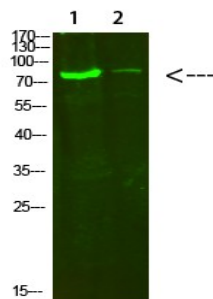


This gene encodes the alpha 2 chain of type VIII collagen. This protein is a major component of the basement membrane of the corneal endothelium and forms homo- or heterotrimers with alpha 1 (VIII) type collagens. Defects in this gene are associated with Fuchs endothelial corneal dystrophy and posterior polymorphous corneal dystrophy type 2. Alternative splicing results in multiple transcript variants.

Research Area

Cell Biology

Image Data



Western blot analysis of Collagen VIII alpha 2 in hela, 3T3 lysates using Collagen VIII alpha 2 antibody.

Note

For research use only.