

COL8A2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07967
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human COL8A2. at AA range: 611-660
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	COL8A2
Synonyms	COL8A2; Collagen alpha-2;VIII chain; Endothelial collagen

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

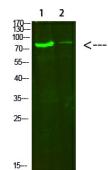
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of HeLa 2,3T3 cells using primary antibody diluted at 1:500 (4°C overnight). Secondary antibody: Goat Anti-rabbit IgG IRDye 800 (diluted at 1:5000, 25°C, 1 hour)

Storage

-20°C for 1 year