

For Research Use Only

Collagen Type XVI Polyclonal antibody

Catalog Number: 19802-1-AP

1 Publications



Basic Information

Catalog Number:

19802-1-AP

Size:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001856

GeneID (NCBI):

1307

UNIPROT ID:

Q07092

Full Name:

collagen, type XVI, alpha 1

Calculated MW:

158 kDa

Observed MW:

158 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IF-P, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : human placenta tissue,

IF-P : mouse skin tissue,

Background Information

COL16A1, also named as FP1572, belongs to the fibril-associated collagens with interrupted helices (FACIT) family. COL16A1 is involved in mediating cell attachment and inducing integrin-mediated cellular reactions, such as cell spreading and alterations in cell morphology. The antibody is specific to COL16A1.

Notable Publications

Author	Pubmed ID	Journal	Application
Mancini Mara M	23238588	Aging (Albany NY)	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

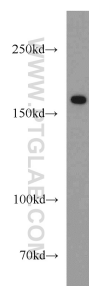
T: 4006900926

E: Proteintech-CN@ptglab.com

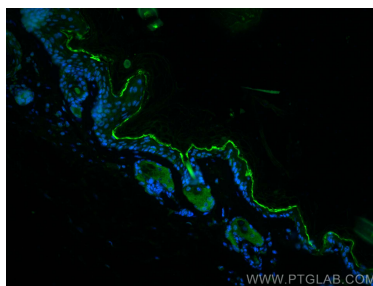
W: ptgcn.com

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Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 19802-1-AP (Collagen Type XVI antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse skin tissue using Collagen Type XVI antibody (19802-1-AP) at dilution of 1:200 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).