

For Research Use Only

# Collagen Type XVI Polyclonal antibody, PBS Only

Catalog Number: 19802-1-PBS



## Basic Information

<b>Catalog Number:</b> 19802-1-PBS	<b>GenBank Accession Number:</b> NM_001856	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 1307	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q07092	
<b>Isotype:</b> IgG	<b>Full Name:</b> collagen, type XVI, alpha 1	
	<b>Calculated MW:</b> 158 kDa	
	<b>Observed MW:</b> 158 kDa	

## Applications

**Tested Applications:**  
WB, IF-P, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## 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.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

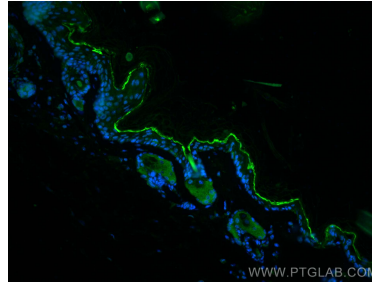
W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 19802-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 19802-1-PBS in a different storage buffer formulation.