

For Research Use Only

Collagen Type X Polyclonal antibody, PBS Only

Catalog Number: 26984-1-PBS



Basic Information

Catalog Number: 26984-1-PBS	GenBank Accession Number: BC130621	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1300	
Source: Rabbit	UNIPROT ID: Q03692	
Isotype: IgG	Full Name: collagen, type X, alpha 1	
Immunogen Catalog Number: AG25741	Calculated MW: 680 aa, 66 kDa	
	Observed MW: 60-66 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Collagen type X alpha 1 (COL10A1), a secreted, short-chain collagen, belongs to the collagen family, which is a major interstitial matrix component specifically expressed by hypertrophic chondrocytes. COL10A1 expression is elevated in many solid tumor types, such as colon cancer, esophagus cancer, and breast cancer, and displays vital roles in many critical cellular processes (PMID: 30154451, 25321476).

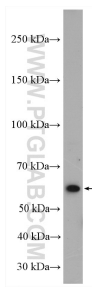
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

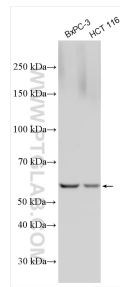
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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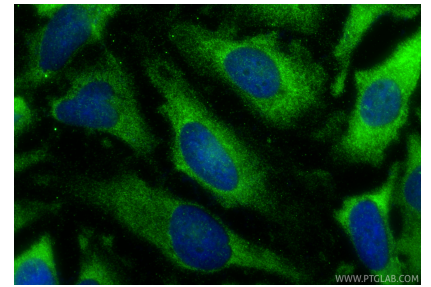
Selected Validation Data



ROS1728 cells were subjected to SDS PAGE followed by western blot with 26984-1-AP (COL10A1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26984-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 26984-1-AP (COL10A1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26984-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Collagen Type X antibody (26984-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 26984-1-PBS in a different storage buffer formulation.