

For Research Use Only

Collagen Type XII Polyclonal antibody

Catalog Number:30045-1-AP



Basic Information

Catalog Number: 30045-1-AP	GenBank Accession Number: NM_004370	Purification Method: Antigen affinity purification
Concentration: 650 ug/ml	GeneID (NCBI): 1303	Recommended Dilutions: WB 1:500-1:1000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q99715	
Isotype: IgG	Full Name: collagen, type XII, alpha 1	
Immunogen Catalog Number: AG32602	Calculated MW: 333kd	
	Observed MW: 310-333 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : BxPC-3 cells, HeLa cells, SKOV-3 cells, C2C12 cells IF/ICC : U2OS cells,

Background Information

COL12A1 (Collagen alpha-1(XII) chain), also known as COL12A1L. It is predicted to be located in the ECM. Type XII collagen interacts with type I collagen-containing fibrils, the COL1 domain could be associated with the surface of the fibrils, and the COL2 and NC3 domains may be localized in the perifibrillar matrix. The molecular weight of COL12A1 is 333 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

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

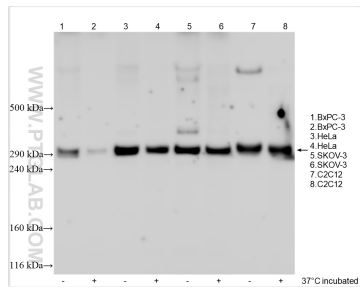
T: 4006900926

E: Proteintech-CN@ptglab.com

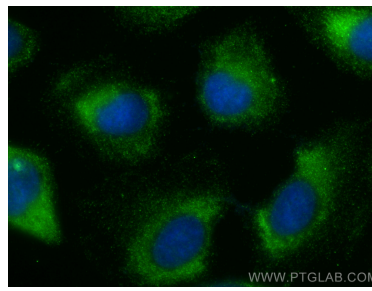
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30045-1-AP (COL12A1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using COL12A1 antibody (30045-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).