Human Pro-Collagen I alpha Polyclonal Antibody
CAB24863

Description

This Human Pro-Collagen I alpha Polyclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB24863
Contents:	20 µL, 100 µL
	Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	COL1A1, EDSC, OI1, OI2, OI3, OI4, collagen alpha-1(I) chain, Human Pro-Collagen I alpha
Clone:	-
Applications:	WB IHC-P IF-P
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	1277
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	220kDa
Calculated MW:	138kDa

Preparation & Storage

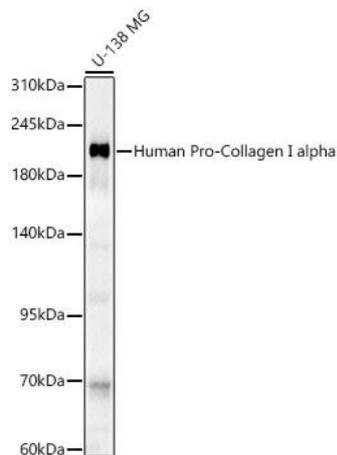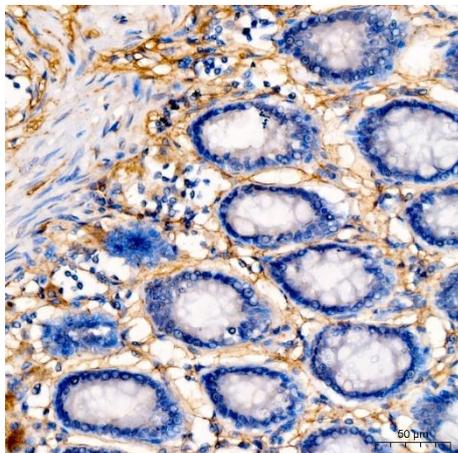|	
Storage:	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	U-138 MG

Recommended Dilutions:

WB	1:1000 - 1:5000
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200

Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data

Western blot analysis of lysates from U-138 MG cells using Human Pro-Collagen I alpha Rabbit pAb (CAB24863) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 30s.

Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Human Pro-Collagen I alpha Rabbit pAb (CAB24863) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.